

12.1 商标列表



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1、接口介绍

企业商标列表信息，包括商标名称，企业名称、状态等

2、接口地址

URL

https://api.qixin.com/APIService/trademark/getTrademarkByName

3、数据格式

JSON

4、Request 支持

HTTPS GET

5、接口描述

5.1 接口请求方式

Headers

参数名	字段类型	必填	描述
Auth-Version	String	是	2.0（参数值）
appkey	String	是	启信宝开放平台获取
timestamp	String	是	UTC 时间，精确到毫秒
sign	String	是	验证加密值，加密约定：appkey + Timestamp + SecretKey 组成的 32 位 md5 加密的小写字符串

说明：secret_key 参数无需传递

5.2 请求参数

Query

参数名	字段类型	必填	描述
name	String	是	企业全名/注册号/统一社会信用代码
skip	Number	否	跳过条目数（默认为 0）

5.3 返回结果

参数名	字段类型	描述
status	String	返回结果状态
message	String	返回结果消息
sign	String	数据签名
data	Array	返回查询结果，每次调用返回 20 条记录，如果没有匹配记录则返回为空。具体字段含义见下表

5.31 返回子数据

返回数据字段：

参数名	字段类型	描述
total	Number	返回列表中记录总数
num	Number	本次调用返回记录数
items	Array	商标信息列表

items 数据字段：

参数名	字段类型	描述
id	String	商标 ID
name	String	商标名称
company	String	企业名称
status	String	状态
reg_number	String	注册号
type_num	String	分类码
type_name	String	分类名
apply_date	String	申请日期
period	String	专用权期限
agent	String	代理人名称
image_name	String	商标图片链接
steps	Array	商标流程信息
steps.date	String	商标流程日期
steps.step	String	商标流程内容
products	Array	产品服务信息
products.num	String	产品服务列表
products.name	String	产品服务列表

6、代码示例

6.1 响应参数示例

```
{
  "status": "200",
```

```
"message": "操作成功",
"sign": "12bea4b1d49177ff8f689a9d1abbdccce",
"data": {
  "total": 10943,
  "num": 20,
  "items": [
    {
      "id": "611632f97d62b80b2855f3c4",
      "name": "-",
      "company": "小米科技有限责任公司",
      "status": "-",
      "reg_number": "58316894",
      "type_num": "12",
      "type_name": "运输工具",
      "apply_date": "2021-08-09",
      "period": "-",
      "agent": "-",
      "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/80140b8973dab03df492cfe7ba99e0f2.jpg",
      "steps": [],
      "products": []
    },
    {
      "id": "61163302d36fc901feca13f1",
      "name": "-",
      "company": "小米科技有限责任公司",
      "status": "-",
      "reg_number": "58327434",
      "type_num": "14",
      "type_name": "珠宝钟表",
      "apply_date": "2021-08-09",
      "period": "-",
      "agent": "-",
      "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/09332c3c123d13520a12d1f9291e56ef.jpg"
    },
    {
      "id": "611632ff3adcbf3ec72fd30c",
      "name": "-",
      "company": "小米科技有限责任公司",
      "status": "-",
      "reg_number": "58339370",
      "type_num": "37",
      "type_name": "建筑修理",
      "apply_date": "2021-08-09",
      "period": "-",
```

```
"agent": "-",
"image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/99ecdc383ef36566d7fed43a01dd9697.jpg"
,
    "steps": [],
    "products": []
},
{
    "id": "611632197d62b80b2e382d32",
    "name": "-",
    "company": "小米科技有限责任公司",
    "status": "-",
    "reg_number": "58313555",
    "type_num": "40",
    "type_name": "材料加工",
    "apply_date": "2021-08-09",
    "period": "-",
    "agent": "-",
    "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/56b14ec1dfbfb62d73738651a5780bff.jpg",
    "steps": [],
    "products": []
},
{
    "id": "611631d77d62b80b2fd44129",
    "name": "-",
    "company": "小米科技有限责任公司",
    "status": "-",
    "reg_number": "58317812",
    "type_num": "7",
    "type_name": "机械设备",
    "apply_date": "2021-08-09",
    "period": "-",
    "agent": "-",
    "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/0af95bc57366bb3c56f64925b60224e6.jpg"
,
    "steps": [],
    "products": []
},
{
    "id": "611631b83adcbf3ebfd8e5ce",
    "name": "-",
    "company": "小米科技有限责任公司",
    "status": "-",
    "reg_number": "58336710",
    "type_num": "28",
    "type_name": "健身器材",
    "apply_date": "2021-08-09",
```

```
"period": "-",
"agent": "-",
"image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/d977ee0d5b2c3e608488714f1dc6ee1e.jpg",
    "steps": [],
    "products": []
  },
  {
    "id": "611632943adcbf3ec0efd850",
    "name": "-",
    "company": "小米科技有限责任公司",
    "status": "-",
    "reg_number": "58339043",
    "type_num": "42",
    "type_name": "设计研究",
    "apply_date": "2021-08-09",
    "period": "-",
    "agent": "-",
    "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/1840916ccd20b869d553930a0c98509a.jpg",
    "steps": [],
    "products": []
  },
  {
    "id": "611632aa7d62b80b2e382d36",
    "name": "-",
    "company": "小米科技有限责任公司",
    "status": "-",
    "reg_number": "58343045",
    "type_num": "7",
    "type_name": "机械设备",
    "apply_date": "2021-08-09",
    "period": "-",
    "agent": "-",
    "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/6bb1bf7e994b6f02438c0b94c1ce285a.jpg",
    "steps": [],
    "products": []
  },
  {
    "id": "611631f47d62b80b2d4a72e1",
    "name": "-",
    "company": "小米科技有限责任公司",
    "status": "-",
    "reg_number": "58322793",
    "type_num": "12",
```

```
"type_name": "运输工具",
"apply_date": "2021-08-09",
"period": "-",
"agent": "-",
"image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/37e4bde532bcbded0a7e5872552477ae.jpg",
    "steps": [],
    "products": []
},
{
    "id": "611633027d62b80b2855f3c5",
    "name": "-",
    "company": "小米科技有限责任公司",
    "status": "-",
    "reg_number": "58325507",
    "type_num": "40",
    "type_name": "材料加工",
    "apply_date": "2021-08-09",
    "period": "-",
    "agent": "-",
    "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/82c231ea9d929b6582b35580c734b335.jpg",
    "steps": [],
    "products": []
},
{
    "id": "611633083adcbf3ec1f18664",
    "name": "-",
    "company": "小米科技有限责任公司",
    "status": "-",
    "reg_number": "58323906",
    "type_num": "36",
    "type_name": "金融物管",
    "apply_date": "2021-08-09",
    "period": "-",
    "agent": "-",
    "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/e85e4e8cc47bc2c8321560abf64ff147.jpg",
    "steps": [],
    "products": []
},
{
    "id": "611633083adcbf3ec3d665ff",
    "name": "-",
    "company": "小米科技有限责任公司",
    "status": "-",
    "reg_number": "58325891",
```

```

        "type_num": "41",
        "type_name": "教育娱乐",
        "apply_date": "2021-08-09",
        "period": "-",
        "agent": "-",
        "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/31bd41439b10550e06aa1f6370aef0e8.jpg
",
        "steps": [],
        "products": []
    },
    {
        "id": "611632c47d62b80b2fd4412c",
        "name": "-",
        "company": "小米科技有限责任公司",
        "status": "-",
        "reg_number": "58312831",
        "type_num": "12",
        "type_name": "运输工具",
        "apply_date": "2021-08-09",
        "period": "-",
        "agent": "-",
        "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/91091ecc186ae99d427f77bcd041e19b.jpg
",
        "steps": [],
        "products": []
    },
    {
        "id": "61163305d36fc901f8b964c2",
        "name": "-",
        "company": "小米科技有限责任公司",
        "status": "-",
        "reg_number": "58335419",
        "type_num": "37",
        "type_name": "建筑修理",
        "apply_date": "2021-08-09",
        "period": "-",
        "agent": "-",
        "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/329c460069fdf7c5a5a118923ac3ed81.jpg"
,
        "steps": [],
        "products": []
    },
    {
        "id": "6116330c7d62b80b30b82025",
        "name": "-",
        "company": "小米科技有限责任公司",

```

```

        "status": "-",
        "reg_number": "58343593",
        "type_num": "21",
        "type_name": "厨房洁具",
        "apply_date": "2021-08-09",
        "period": "-",
        "agent": "-",
        "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/0cf3057e7d1db1e7159c403af8b6a7e7.jpg"
,
        "steps": [],
        "products": []
    },
    {
        "id": "611633023adcbf3ec2ea8ee1",
        "name": "-",
        "company": "小米科技有限责任公司",
        "status": "-",
        "reg_number": "58327427",
        "type_num": "14",
        "type_name": "珠宝钟表",
        "apply_date": "2021-08-09",
        "period": "-",
        "agent": "-",
        "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/e69a7d29657414563bfe506ffba1a707.jpg",
        "steps": [],
        "products": []
    },
    {
        "id": "611632e07d62b80b30b82021",
        "name": "-",
        "company": "小米科技有限责任公司",
        "status": "-",
        "reg_number": "58320474",
        "type_num": "9",
        "type_name": "科学仪器",
        "apply_date": "2021-08-09",
        "period": "-",
        "agent": "-",
        "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/e36717ea4e75e3a43613ec4b6a79a1c2.jpg",
        "steps": [],
        "products": []
    },
    {
        "id": "611633123adcbf3ec6493dbb",
        "name": "-",

```

```

    "company": "小米科技有限责任公司",
    "status": "-",
    "reg_number": "58337842",
    "type_num": "11",
    "type_name": "灯具空调",
    "apply_date": "2021-08-09",
    "period": "-",
    "agent": "-",
    "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/2c164f36699bb99acc21ed43e39b6c4a.jpg"
,
    "steps": [],
    "products": []
},
{
    "id": "61163305d36fc901f9bc1b3f",
    "name": "-",
    "company": "小米科技有限责任公司",
    "status": "-",
    "reg_number": "58322049",
    "type_num": "7",
    "type_name": "机械设备",
    "apply_date": "2021-08-09",
    "period": "-",
    "agent": "-",
    "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/301f1b8212aabb8f822859cb26ac2701.jpg"
,
    "steps": [],
    "products": []
},
{
    "id": "611632a17d62b80b27f3c24a",
    "name": "-",
    "company": "小米科技有限责任公司",
    "status": "-",
    "reg_number": "58339030",
    "type_num": "42",
    "type_name": "设计研究",
    "apply_date": "2021-08-09",
    "period": "-",
    "agent": "-",
    "image_name":
"https://qxb-img-oss-cache.qixin.com/official_trademark/7f806cd8c02357f4bc7ee8017e7c131e.jpg"
,
    "steps": [],
    "products": []
}
],

```

```
"hklItems": []  
}  
}
```

7、响应参数加密对接说明

我们的加密方式使用 MD5 进行 sign 签名验证，以此来杜绝信息篡改的发生。开发人员可根据实际需要自主选择是否加密。

加密对接说明：

- 1) 将响应数据的 data 中内容 (key value)，转换为扁平格式化，得到只有一层深度的 json data 数据扁平格式化规则
 - a. 将每一级的 key 的返回值通过 “.” 连接，数组则加上用序号连接（从 0 开始），得到只有一层深度的 json
 - b. 将 value 为基础数据类型 (number, string, boolean 等) 的强制转换成 string 类型
 - c. 将 value 为 “空数组” 转换成 “[]”，“空对象” 转换成 “{}”
- 2) 将处理后的 json 键值对的 key 和 value 用 “=” 连接，key 按照字典序排序后，键值对之间用 “&” 符号连接
- 3) 将第 2 步得到的字符串拼接上 “&secret_key=\${secret_key}”
- 4) 将第 3 步得到的字符串，进行 md5 计算，得到最终的签名
- 5) 将第 4 步得到的签名，和响应结果中的 sign 字段进行字符串比较，相等则验签通过
- 6) 示例：

扁平化处理前：

```
json  
{  
  "key1": {  
    "keyA": "value1"  
  },  
  "key2": {  
    "keyB": true  
  },  
  "key3": [  
    {  
      "key4": 1,  
      "key5": []  
    }  
  ]  
}
```

扁平化处理后：

```
{  
  "key1.keyA": "value1",  
  "key2.keyB": "true",  
  "key3.0.key4": "1",  
  "key3.0.key5": "[]"  
}
```

```
"key3.0.key5": "[]"
```

```
}  
...
```

加密原文:

```
key1.keyA=valuel&key2.keyB=true&key3.0.key4=1&key3.0.key5=[]&secret_key=${secret_key}  
sign=MD5(key1.keyA=valuel&key2.keyB=true&key3.0.key4=1&key3.0.key5=[]&secret_key=${secret_key}))
```

开发人员可按照上述加密方式对响应参数进行加密，并且与返回的 sign 值进行比对，比对一致则说明响应参数未被篡改。

8、附录

8.1 附录 A：错误码参照(error_code)

返回结果	描述
200	查询成功
201	查询无结果
213	调用次数超过今日额度限制
207	查询错误，请联系技术人员
208	参数名错误或参数为空
209	接口查询异常，请联系技术人员
101	Appkey 无效
102	账户余额不足
103	appkey 被停用
104	IP 未授权
105	未授权调用该接口
109	接口被停用等其他状态