



Online-Appendix zu

„Innovation Performance of Family and Founder Firms: Empirical Evidence from German Listed Companies”

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Appendix 1:

The following sample query shows the structured query language (SQL) code to retrieve the filed number of applied patents as well as the filed number of granted patents for the firm Siltronic for the years 2013 through 2017:

Filed number of applied patents for the sample firm Siltronic:

```
SELECT psn_name,
count(distinct((case when appln_filing_year = 2013 then tls201_appln.appln_id end))) as "2013",
count(distinct((case when appln_filing_year = 2014 then tls201_appln.appln_id end))) as "2014",
count(distinct((case when appln_filing_year = 2015 then tls201_appln.appln_id end))) as "2015",
count(distinct((case when appln_filing_year = 2016 then tls201_appln.appln_id end))) as "2016",
count(distinct((case when appln_filing_year = 2017 then tls201_appln.appln_id end))) as "2017",
count(distinct(tls201_appln.appln_id )) as "total"
FROM tls201_appln
  join tls207_pers_appln on tls201_appln.appln_id =tls207_pers_appln.appln_id
  join tls206_person on tls207_pers_appln.person_id =tls206_person.person_id
where
  (psn_name like '%siltronic%' )
  and applt_seq_nr > 0 and invt_seq_nr = 0
group by psn_name
order by psn_name
```

Filed number of granted patents for the sample firm Siltronic:

```
SELECT psn_name,
count(distinct((case when appln_filing_year = 2013 and granted='Y' then tls201_appln.appln_id
  end))) as "2013",
count(distinct((case when appln_filing_year = 2014 and granted='Y' then tls201_appln.appln_id
  end))) as "2014",
count(distinct((case when appln_filing_year = 2015 and granted='Y' then tls201_appln.appln_id
  end))) as "2015",
count(distinct((case when appln_filing_year = 2016 and granted='Y' then tls201_appln.appln_id
  end))) as "2016",
count(distinct((case when appln_filing_year = 2017 and granted='Y' then tls201_appln.appln_id
  end))) as "2017",
count(distinct(tls201_appln.appln_id )) as "total"
FROM tls201_appln
  join tls207_pers_appln on tls201_appln.appln_id = tls207_pers_appln.appln_id
  join tls206_person on tls207_pers_appln.person_id = tls206_person.person_id
where
  (psn_name like '%siltronic%' )
  and applt_seq_nr > 0 and invt_seq_nr = 0
group by psn_name
order by psn_name
```