

Title (en)

VACUUM PUMP

Title (de)

VAKUUMPUMPE

Title (fr)

POMPE À VIDE

Publication

**EP 2863063 B1 20191211 (DE)**

Application

**EP 14188325 A 20141009**

Priority

DE 102013220879 A 20131015

IPC 8 full level

**F04D 19/04** (2006.01); **F04D 29/16** (2006.01); **F04D 29/54** (2006.01); **F04D 29/52** (2006.01)

CPC (source: EP)

**F04D 17/168** (2013.01); **F04D 19/042** (2013.01); **F04D 19/046** (2013.01); **F04D 29/164** (2013.01); **F04D 29/526** (2013.01)

Citation (examination)

- JP H0687691 U 19941222
- WO 2008035112 A1 20080327 - EDWARDS LTD [GB], et al
- JP S6314893 U 19880130

Cited by

CN114593075A; CN117823429A; JP2020060102A; EP3497337B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2863063 A2 20150422**; **EP 2863063 A3 20150826**; **EP 2863063 B1 20191211**; DE 102013220879 A1 20150416; EP 3608545 A1 20200212; EP 3608545 B1 20210217

DOCDB simple family (application)

**EP 14188325 A 20141009**; DE 102013220879 A 20131015; EP 19201021 A 20141009