

Title (en)

VACUUM PUMP

Title (de)

VAKUUMPUMPE

Title (fr)

POMPE À VIDE

Publication

**EP 3686432 B1 20220608 (DE)**

Application

**EP 20166248 A 20200327**

Priority

EP 20166248 A 20200327

IPC 8 full level

**F04C 18/12** (2006.01); **F04C 18/16** (2006.01); **F04C 25/02** (2006.01); **F04C 28/06** (2006.01); **F04D 19/04** (2006.01); **F04D 27/00** (2006.01); **F04D 27/02** (2006.01)

CPC (source: EP)

**F04C 18/126** (2013.01); **F04C 18/16** (2013.01); **F04C 25/02** (2013.01); **F04C 28/06** (2013.01); **F04C 2240/81** (2013.01); **F04C 2270/125** (2013.01)

Citation (opposition)

Opponent : EDWARDS LIMITED

- GB 2551337 A 20171220 - EDWARDS LTD [GB]
- DE 202015003927 U1 20150713 - OERLIKON LEYBOLD VACUUM GMBH [DE]
- US 2019383296 A1 20191219 - HASHIMOTO TOSHIFUMI [JP], et al
- US 5975854 A 19991102 - CULP III CHARLES H [US], et al

Cited by

EP3736447A1; EP3808988A3

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 3686432 A1 20200729; EP 3686432 B1 20220608**

DOCDB simple family (application)

**EP 20166248 A 20200327**