

Title (en)
VACUUM PUMP

Title (de)
VAKUUUMPUMPE

Title (fr)
POMPE À VIDE

Publication
EP 3133290 B1 20210609 (DE)

Application
EP 15181767 A 20150820

Priority
EP 15181767 A 20150820

IPC 8 full level
F04D 19/04 (2006.01); **F04D 29/059** (2006.01); **F04D 29/32** (2006.01)

CPC (source: EP)
F04D 19/042 (2013.01); **F04D 19/048** (2013.01); **F04D 29/059** (2013.01); **F04D 29/32** (2013.01); **F05D 2230/53** (2013.01)

Cited by
CN113187743A

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 3133290 A1 20170222; EP 3133290 B1 20210609

DOCDB simple family (application)
EP 15181767 A 20150820