

Title (en)
Helico centrifugal fan

Title (de)
Helico-Radialgebläse

Title (fr)
Ventilateur hélico-centrifuge

Publication
EP 2492515 B1 20200115 (EN)

Application
EP 12154849 A 20120210

Priority
ES 201100220 A 20110228

Abstract (en)
[origin: EP2492515A2] A helico centrifugal fan formed by a structural assembly comprising an air passage duct formed by an air convergence cone (2) and an air divergence cone (3) inside a tubular casing (1), which are axially separated, there being a silencer (7) between them arranged between the narrowest parts thereof.

IPC 8 full level
F04D 29/66 (2006.01); **F04D 17/06** (2006.01); **F04D 29/44** (2006.01); **F24F 7/06** (2006.01); **F24F 13/24** (2006.01)

CPC (source: EP ES)
F04D 17/06 (2013.01 - EP ES); **F04D 29/441** (2013.01 - EP); **F04D 29/664** (2013.01 - EP ES); **F24F 7/065** (2013.01 - EP); **F24F 13/24** (2013.01 - EP)

Citation (examination)

- EP 0837245 A2 19980422 - AIR HANDLING ENGINEERING LTD [US]
- NL 7305759 A 19741029
- JP H02108898 A 19900420 - HITACHI LTD

Cited by
EP2811234A3; EP4067666A4; DE202019107056U1; EP3839264A3; EP2693135A1; US2014038509A1; US12025143B2; EP3839264A2

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 2492515 A2 20120829; EP 2492515 A3 20180523; EP 2492515 B1 20200115; EA 026597 B1 20170428; EA 201200197 A1 20120928; ES 2400098 A2 20130405; ES 2400098 B1 20140206; ES 2400098 R1 20130701; ES 2784573 T3 20200928; PL 2492515 T3 20200727; UA 110016 C2 20151110

DOCDB simple family (application)
EP 12154849 A 20120210; EA 201200197 A 20120227; ES 12154849 T 20120210; ES 201100220 A 20110228; PL 12154849 T 20120210; UA A201202338 A 20120227