

Title (en)
CENTRIFUGAL FAN

Title (de)
ZENTRIFUGALGEBLÄSE

Title (fr)
VENTILATEUR CENTRIFUGE

Publication
EP 3181912 B1 20190904 (EN)

Application
EP 16199249 A 20161117

Priority
IT UB20159662 A 20151215

Abstract (en)
[origin: EP3181912A1] Centrifugal fan comprising a fan wheel apt to process a fluid between an inlet (10) and an outlet (11), said fan wheel comprising an array of blades (1) arranged around an axis (A), a disc-shaped base (2) normal to the axis (A) and to which said blades (1) are rigidly connected, a hub (3) coaxial to the axis (A) and rigidly connected to the base (2), an air conveyor (4) made in a piece separate from the hub (3), said air conveyor (4) being apt to gradually convey the fluid from a substantially axial motion at the inlet (10) to a substantially radial motion at the outlet (11).

IPC 8 full level
F04D 29/28 (2006.01); **F04D 29/62** (2006.01)

CPC (source: EP)
F04D 29/281 (2013.01); **F04D 29/626** (2013.01); **F05D 2230/232** (2013.01)

Citation (examination)

- WO 2005073559 A1 20050811 - BOSCH GMBH ROBERT [DE], et al
- EP 1138954 B1 20091216 - TECHNOFAN [FR]

Designated contracting state (EPC)
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