

Title (en)
ELECTRIC CENTRIFUGAL BLOWER

Title (de)
ELEKTRISCHES RADIALGEBLÄSE

Title (fr)
SOUFFLANTE ÉLECTRIQUE CENTRIFUGE

Publication
EP 3139046 B1 20211027 (EN)

Application
EP 16425089 A 20160906

Priority
IT UB201567600 U 20150907

Abstract (en)
[origin: EP3139046A2] An electric centrifugal blower (10) comprises an impeller (3) having an orthogonal rotation z axis coincident with the z axis of an xyz coordinate system. The impeller (3) has a diameter D1 and is inside a blower volute (20) that has a discharge mouth (4) parallel to a plane passing through the z axis and perpendicular to the xy-plane. The blower volute (20) has a baffle (6) in the vicinity of the end cross-section (5) of said discharge mouth (4).

IPC 8 full level
F04D 29/42 (2006.01); **F04D 29/44** (2006.01)

CPC (source: EP)
F04D 29/4226 (2013.01); **F04D 29/441** (2013.01)

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