

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)

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 3139046 A2 20170308; EP 3139046 A3 20170809; EP 3139046 B1 20211027; EP 3139046 B8 20220420; ES 2907289 T3 20220422**

DOCDB simple family (application)  
**EP 16425089 A 20160906; ES 16425089 T 20160906**