

Title (en)
Fan casing for use in extractor hoods

Title (de)
Lüftergehäuse für eine Absaughaube

Title (fr)
Carter de ventilateur pour une hotte aspirante

Publication
EP 1930601 A3 20120509 (EN)

Application
EP 07121376 A 20071123

Priority
IT PD20060446 A 20061206

Abstract (en)
[origin: EP1930601A2] There is described a scroll type manifold which is intended to constitute the housing of an impeller (2) of a fan, comprising a pair of half-shells (4, 5) which can be connected to each other in a connection plane (P), each half-shell (4, 5) including a respective portion (4a, 5a) of a delivery nozzle (6) of the manifold, the nozzle portions together defining the delivery cross-section (3) of the manifold. The manifold half-shells (4, 5) are articulated to each other about an articulation axis (Z), so as to be mutually pivotable between a first operating position, in which the half-shells (4, 5) are connected along the connection plane (P) and the nozzle portions (4a, 5a) delimit the entire delivery cross-section (3), and a second operating position, in which the nozzle portions (4a, 5a) are moved towards each other with a consequent reduction in the extent of the delivery cross-section (3).

IPC 8 full level
F04D 29/42 (2006.01); **F04D 29/62** (2006.01)

CPC (source: EP)
F04D 29/4226 (2013.01); **F04D 29/626** (2013.01)

Citation (search report)

- [A] WO 9967581 A1 19991229 - SPRINGER CARRIER SA [BR], et al
- [A] JP H10300153 A 19981113 - FUJI KOGYO CORP
- [A] GB 2184534 A 19870624 - GEBHARDT GMBH WILHELM

Cited by
CN113027823A; GB2567928A; EP3193022A1; EP2338581A1; US8821129B2; WO2009140854A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1930601 A2 20080611; **EP 1930601 A3 20120509**; IT PD20060446 A1 20080607; RU 2007145232 A 20090610; RU 2450170 C2 20120510

DOCDB simple family (application)
EP 07121376 A 20071123; IT PD20060446 A 20061206; RU 2007145232 A 20071205