

Title (en)  
HOUSING FOR A RADIAL BLOWER

Publication  
**EP 0289735 B1 19920212 (DE)**

Application  
**EP 88103467 A 19880305**

Priority  
DE 3707920 A 19870312

Abstract (en)  
[origin: EP0289735A2] Housing for radial blower with two side sections (1a, 1b) and a shell (2), those sides of the shell running in the peripheral direction of the housing being provided with a slotted fold (5) angled radially outwards and open radially inwards to connect the shell to the side sections, into which slotted fold one of each of the side sections protrudes and is fixedly connected to the shell (2) by clamping the slotted fold together. According to the invention the [lacuna] and with a tongue which in the area of the start of the flow duct spiral (9) forms the radially outer wall of the flow duct spiral, is designed as a separate part which forms the shell in the area between the blow out connection (8) and the start area of the flow duct spiral (9). The tongue can be connected to the rest of the housing by means of two moulded fillets (11a, 11b). The moulded fillets (11a, 11b) in their longitudinal direction are adapted to the course of the side sections (1a, 1b) and have a rectangular cross section, each flange of this cross section being provided with an open slot, one of which serves to receive the edge area of the tongue and the other to receive the radially outer edge area of a side section (1a, 1b). <IMAGE>

IPC 1-7  
**F04D 29/42**; **F04D 29/62**

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

CPC (source: EP)  
**F04D 29/422** (2013.01); **F04D 29/4226** (2013.01)

Cited by  
EP0403007A1; EP1388669A1

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**EP 0289735 A2 19881109**; **EP 0289735 A3 19890816**; **EP 0289735 B1 19920212**; AT E72600 T1 19920215; DE 3707920 A1 19880922; DE 3868347 D1 19920326

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