

Title (en)
A duct fan

Title (de)
Mantelgebläse

Title (fr)
Soufflante carénée

Publication
EP 1967741 B1 20100512 (EN)

Application
EP 07103516 A 20070305

Priority
EP 07103516 A 20070305

Abstract (en)
[origin: EP1967741A1] A duct fan has a single plate (18) connected at a first end thereof to a part (21) of a housing of the duct fan close to a first end wall and at an opposite second end thereof to a part (28) of the housing close to a second end wall. The single plate (18) extends laterally in a direction substantially perpendicularly to the axis of rotation of an impeller (6) of the duct fan for connecting to opposite lateral walls of the housing for forming a partition wall between a suction side room (11) and a pressure side room (16) of the housing. An outlet member (13) and an inlet member (8) of the housing have a circular cross-section for connecting the duct fan to ducts with a circular cross-section.

IPC 8 full level
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CPC (source: EP)
F04D 29/4226 (2013.01)

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