

Title (en)
SIDE CHANNEL BLOWER, IN PARTICULAR FOR A VEHICLE HEATING DEVICE

Title (de)
SEITENKANALGEBLÄSE, INSBESONDERE FÜR EIN FAHRZEUGHEIZGERÄT

Title (fr)
VENTILATEURS LATÉRAUX, EN PARTICULIER POUR UN APPAREIL DE CHAUFFAGE DE VÉHICULE

Publication
EP 3029329 B1 20180110 (DE)

Application
EP 15196158 A 20151125

Priority
DE 102014224954 A 20141205

Abstract (en)
[origin: US2016160865A1] A side channel blower includes a housing (10) a motor (16) with a motor shaft that rotates about a motor axis. A first blower housing area (30) has a first delivery channel (34) with an inlet (36) and outlet (38) and is open towards a first axial side (32) and surrounds the motor axis. A first delivery wheel (46) covers the first delivery channel (34) and is carried at a first end area (44) of a motor shaft (20). A second blower housing area (52) has a second delivery channel (56) with an inlet (58) and with an outlet (60) and is open towards a second axial side (54) and surrounds the motor axis. A second delivery wheel (68) is located opposite the second axial side (54) and covers the second delivery channel (56) and is carried at a second end area (64) of the motor shaft (20).

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F04D 29/663 (2013.01 - US)

Citation (examination)
• US 5692054 A 19971125 - PARRELLA MICHAEL J [US], et al
• JP S61261699 A 19861119 - NIPPON DENSO CO
• DE 202013005423 U1 20130702 - BOSCH GMBH ROBERT [DE]

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