

Title (en)

Electrical motor driven air pump for vehicles

Title (de)

Elektrische Luftpumpe für ein Kraftfahrzeug

Title (fr)

Pompe à air entraînée par moteur électrique pour véhicules

Publication

EP 1074743 B1 20040128 (DE)

Application

EP 00116552 A 20000801

Priority

DE 19936644 A 19990804

Abstract (en)

[origin: EP1074743A2] The air pump has a mounting plate (1) to which the housing (10) of an electric motor and a pump are attached and a sound damper (14) formed by the mounting plate and a sound damping cap (8) attached to it. The sound damping cap encloses the pump and is arranged on the side of the mounting plate remote from the motor.

IPC 1-7

F04C 18/344; **F04C 23/00**

IPC 8 full level

F04C 18/344 (2006.01); **F04C 23/00** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP US)

F04C 23/00 (2013.01 - EP US); **F04C 29/0035** (2013.01 - EP US); **F04C 18/3442** (2013.01 - EP US)

Cited by

CN104813032A; CN103221639A; US8122867B2; CN106170629A; WO2011067499A2; US10094383B2; WO2015154907A1; WO2012045554A3

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 1074743 A2 20010207; **EP 1074743 A3 20020403**; **EP 1074743 B1 20040128**; DE 19936644 A1 20010215; DE 19936644 B4 20040401; DE 50005120 D1 20040304; US 6491505 B1 20021210

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EP 00116552 A 20000801; DE 19936644 A 19990804; DE 50005120 T 20000801; US 63280200 A 20000804