

Title (en)
Electric motor driven air pump

Title (de)
Elektrisch angetriebene Luftpumpe

Title (fr)
Pompe à air entraînée par moteur électrique

Publication
EP 0905382 A3 19991201 (DE)

Application
EP 98114403 A 19980731

Priority
DE 19743069 A 19970930

Abstract (en)
[origin: EP0905382A2] An electric blower for a vehicle. E.g. a blower for supplying a secondary airflow into the exhaust system of an IC engine, has a lightweight impeller rigidly mounted on the metal shaft of the electric motor (11) using adhesive. The inside bore of the impeller hub is grooved (13) to hold strips of adhesive. The grooves can be straight or meandering and have a width typically 0.05 mm. No other fittings are required to secure the impeller. Several impellers can be mounted on the same motor shaft.

IPC 1-7
F04D 29/26

IPC 8 full level
F04D 29/26 (2006.01)

CPC (source: EP US)
F04D 29/263 (2013.01 - EP US)

Citation (search report)

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- [YD] DE 19611512 A1 19970925 - PIERBURG AG [DE]
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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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