

Title (en)

Automotive motor-compressor assembly

Title (de)

Motor-Verdichteraggregat für Kraftfahrzeuge

Title (fr)

Ensemble moteur-compresseur pour véhicules automobiles

Publication

**EP 1571343 A1 20050907 (EN)**

Application

**EP 04425144 A 20040305**

Priority

EP 04425144 A 20040305

Abstract (en)

There is described an automotive motor-compressor assembly (1) having an electric motor (2); a compressor (3) through which a work fluid flows, and having a housing (5) and an impeller (6); and connecting means (4) for releasably fixing the compressor (3) to the motor (2), and having a first connecting member (10) defining a locating surface (10a) for a connecting portion (5a) of the housing (5), and a second connecting member (11) defining at least one guide surface (16) for guiding the work fluid inside the housing (5). <IMAGE>

IPC 1-7

**F04D 25/06**; F04D 29/44; F04D 29/62

IPC 8 full level

**F04D 17/10** (2006.01); **F04D 25/06** (2006.01); **F04D 29/44** (2006.01); **F04D 29/46** (2006.01); **F04D 29/62** (2006.01); **H01M 8/04** (2006.01)

CPC (source: EP US)

**F02B 39/10** (2013.01 - EP); **F04D 25/06** (2013.01 - EP US); **F04D 29/44** (2013.01 - EP US); **F04D 29/62** (2013.01 - EP US); **F02B 33/40** (2013.01 - EP); **F05D 2250/52** (2013.01 - EP US)

Citation (search report)

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- [XY] US 6375438 B1 20020423 - SEO UN JONG [KR]
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