

Title (en)

Oil supply method for an air conditioner compressor

Title (de)

Verfahren zur Oelversorgung des Kompressors einer Klimaanlage

Title (fr)

Procédé de lubrification pour le compresseur d'un climatiseur

Publication

**EP 1705437 A1 20060927 (DE)**

Application

**EP 05405260 A 20050323**

Priority

EP 05405260 A 20050323

Abstract (en)

The method involves separating oil from a gaseous phase of a working medium and providing it to an oil storage space (4). The oil is then promoted by an ejector-like suction effect of a circulation system of the air conditioning system to a compressor. The promotion is made to the compressor by a mix-limiting throttle point (24), whose flow cross section is adapted to the lubrication need of the compressor. The separation takes place via a cyclone current.

IPC 8 full level

**F25B 43/02** (2006.01)

CPC (source: EP)

**F25B 43/02** (2013.01); **F25B 43/006** (2013.01); **F25B 2341/0016** (2013.01); **F25B 2400/02** (2013.01); **F25B 2500/01** (2013.01)

Citation (applicant)

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