

Title (en)
ELECTRIC COMPRESSOR

Title (de)
ELEKTRISCHER VERDICHTER

Title (fr)
COMPRESSEUR ÉLECTRIQUE

Publication
EP 2022984 A1 20090211 (EN)

Application
EP 07743457 A 20070516

Priority
• JP 2007060022 W 20070516
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• JP 2006136303 A 20060516

Abstract (en)
An electric compressor (10, 10A, 10B, 10C) includes a suction chamber (14), a discharge chamber (15), a compressor body (20) configured to suck a fluid from the suction chamber (14), and then, discharge the compressed fluid in to the discharge chamber (15), an electric motor (30) configured to drive the compressor body (20), and an inverter (100) configured to control the electric motor (30). The inverter (100) is disposed in the suction chamber (14).

IPC 8 full level
F04B 39/06 (2006.01)

CPC (source: EP US)
F04C 18/3446 (2013.01 - EP US); **F04C 23/008** (2013.01 - EP US); **F04C 29/045** (2013.01 - EP US); **F04C 28/08** (2013.01 - EP US); **F04C 2240/30** (2013.01 - EP US); **F04C 2240/808** (2013.01 - EP US)

Citation (search report)
See references of WO 2007132885A1

Cited by
WO2013007278A1

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DE FR GB

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DOCDB simple family (publication)
EP 2022984 A1 20090211; US 2009269220 A1 20091029; WO 2007132885 A1 20071122

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EP 07743457 A 20070516; JP 2007060022 W 20070516; US 30092507 A 20070516