

Title (en)
RECIPROCATING PISTON MACHINE

Title (de)
HUBKOLBENMASCHINE

Title (fr)
MACHINE A PISTON ALTERNATIF

Publication
EP 1844233 B1 20080227 (DE)

Application
EP 05800587 A 20051020

Priority
• DE 2005001868 W 20051020
• DE 102004053482 A 20041105

Abstract (en)
[origin: WO2006047984A1] Disclosed is a reciprocating piston machine, such as an air-conditioning compressor for motor vehicles, comprising a swivel ring and a guide bush that is disposed in an axially movable manner on a drive shaft and is provided with radially protruding bearing bushes. The swivel ring and the guide bush are interconnected by means of pins so as to be rotatable relative to each other while being axially joined in a fixed manner, said pins being mounted in holes of the swivel ring and in holes of the bearing bushes of the guide bush.

IPC 8 full level
F04B 27/10 (2006.01)

CPC (source: EP US)
F04B 27/1072 (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006047984 A1 20060511; AT E387582 T1 20080315; CN 100465432 C 20090304; CN 101048595 A 20071003; DE 112005002570 A5 20070712; DE 502005003039 D1 20080410; EP 1844233 A1 20071017; EP 1844233 B1 20080227; JP 2008519198 A 20080605; JP 4664983 B2 20110406; US 2007264136 A1 20071115; US 7587970 B2 20090915

DOCDB simple family (application)
DE 2005001868 W 20051020; AT 05800587 T 20051020; CN 200580036440 A 20051020; DE 112005002570 T 20051020; DE 502005003039 T 20051020; EP 05800587 A 20051020; JP 2007539449 A 20051020; US 66680105 A 20051020