

Title (en)  
HERMETIC COMPRESSOR

Title (de)  
HERMETISCHER VERDICHTER

Title (fr)  
COMPRESSEUR HERMÉTIQUE

Publication  
**EP 1875074 A1 20080109 (EN)**

Application  
**EP 07742777 A 20070424**

Priority  
• JP 2007059342 W 20070424  
• JP 2006123239 A 20060427

Abstract (en)  
[origin: WO2007126105A1] In a stopper, by providing, in a position corresponding to a movable end vicinity of a discharge reed, a first regulation part having a predetermined clearance from the movable end vicinity of the discharge reed, since a hermetic compressor has such a two-stage spring characteristic that, until the movable end vicinity of the discharge reed touches the first regulation part, a spring characteristic is weak and, after the touch, the spring characteristic is strong, and there is obtained a discharge valve device which is easy to open and whose closing speed is rapid, it is possible to improve a delay in closing.

IPC 8 full level  
**F04B 39/10** (2006.01)

CPC (source: EP KR US)  
**F04B 39/00** (2013.01 - KR); **F04B 39/10** (2013.01 - KR); **F04B 39/1073** (2013.01 - EP US); **F05C 2251/14** (2013.01 - EP US); **F05C 2253/12** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007126105A1

Designated contracting state (EPC)  
DE IT

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**WO 2007126105 A1 20071108**; CN 101321952 A 20081210; EP 1875074 A1 20080109; JP 2008534832 A 20080828; KR 100875017 B1 20081219; KR 20070119046 A 20071218; US 2009291007 A1 20091126

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**JP 2007059342 W 20070424**; CN 200780000463 A 20070424; EP 07742777 A 20070424; JP 2007544668 A 20070424; KR 20077024373 A 20071023; US 91160507 A 20070424