

Title (en)
LINEAR COMPRESSOR

Title (de)
LINEARVERDICHTER

Title (fr)
COMPRESSEUR LINÉAIRE

Publication
EP 2304234 A1 20110406 (DE)

Application
EP 09765859 A 20090617

Priority
• EP 2009057513 W 20090617
• DE 102008029370 A 20080620

Abstract (en)
[origin: WO2009153279A1] A linear compressor for a refrigerator, comprises a piston (7) oscillating in a compressor chamber (8) and a proximity sensor (15) arranged on a front wall (9) of the compressor chamber (8) for recording the approach of the piston (7) to the front wall(9). The proximity sensor (9) is adjacent to a recess (13) in the front wall (9). The piston (7) has a projection (14), which engages in the recess (13) at the top dead centre of the piston movement.

IPC 8 full level
F04B 35/04 (2006.01); **F04B 39/10** (2006.01); **F04B 39/12** (2006.01); **F04B 49/10** (2006.01); **F04B 53/14** (2006.01)

CPC (source: EP US)
F04B 35/045 (2013.01 - EP US); **F04B 39/1066** (2013.01 - EP US); **F04B 39/125** (2013.01 - EP US); **F04B 49/10** (2013.01 - EP US); **F04B 53/14** (2013.01 - EP US)

Citation (search report)
See references of WO 2009153279A1

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Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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DOCDB simple family (application)
DE 102008029370 A 20080620; CN 200980123333 A 20090617; EP 09765859 A 20090617; EP 2009057513 W 20090617; RU 2010154184 A 20090617; US 99788709 A 20090617