

Title (en)  
LINEAR COMPRESSOR

Title (de)  
LINEARVERDICHTER

Title (fr)  
COMPRESSEUR LINÉAIRE

Publication  
**EP 2304234 B1 20120516 (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)

Designated contracting state (EPC)  
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