

Title (en)  
LINEAR COMPRESSOR

Title (de)  
LINEARVERDICHTER

Title (fr)  
COMPRESSEUR LINÉAIRE

Publication  
**EP 2171273 A1 20100407 (DE)**

Application  
**EP 08774733 A 20080703**

Priority  
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Abstract (en)  
[origin: WO2009013105A1] The invention relates to a linear compressor, comprising at least one electromagnet (7), at least one oscillating body (2, 3) moving back and forth in an alternating field of the electromagnet, and at least one piston (2, 3) connected to the oscillating body that reciprocates in a cylinder (1) and delineates a pump chamber (5). At least one of the end faces of the pump chamber (5) is formed by an elastically deformable plate (10; 16).

IPC 8 full level  
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**F04B 35/045** (2013.01 - EP US); **F04B 39/0005** (2013.01 - EP US); **F04B 39/0016** (2013.01 - EP US)

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