

Title (en)
LINEAR COMPRESSOR

Title (de)
LINEARVERDICHTER

Title (fr)
COMPRESSEUR LINEAIRE

Publication
EP 1831557 A1 20070912 (DE)

Application
EP 05815658 A 20051202

Priority
• EP 2005056443 W 20051202
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Abstract (en)
[origin: WO2006069890A1] A linear compressor comprise a pumping chamber (13), in which a piston moves back and forth, and a frame (11, 12), fixed to the pumping chamber (13), on which an oscillating body (16), connected to the piston, is fixed by at least one spring (9) such as to move back and forth and provided with at least one electromagnet (14, 15), for driving the back and forth movement of the oscillating body (16). A one-piece spring (5, 7, 9) connects the oscillating body (16) to the frame (11,12) and the frame (11,12) to a fixing body (1), for fixing the linear compressor to a support.

IPC 8 full level
F04B 35/04 (2006.01)

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Citation (search report)
See references of WO 2006069890A1

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WO 2006069890 A1 20060706; AT E449258 T1 20091215; CN 100587267 C 20100203; CN 101087950 A 20071212;
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