

Title (en)
Linear compactor

Title (de)
Linearverdichter

Title (fr)
Compresseur linéaire

Publication
EP 2365223 A3 20131127 (DE)

Application
EP 11153933 A 20110210

Priority
DE 102010002555 A 20100303

Abstract (en)
[origin: EP2365223A2] The compressor (1) has movable pistons (4) moving back and front in a bushing (2). A flattened valve plate (6) is provided at an end of the bushing. A deck shaped inductive sensor (8) outputs a signal and incorporates information by removal of the pistons from the plate. A side of the plate is arranged with the sensor. An end of the pistons is provided with a recess. The sensor is accommodated in the recess during drawing the pistons near the plate. A collet is attached to the sensor and defines the recess in the pistons. The plate, the bushing and the pistons include a piston chamber (10).

IPC 8 full level
F04B 35/04 (2006.01); **F04B 39/00** (2006.01); **F04B 39/10** (2006.01); **F04B 49/06** (2006.01)

CPC (source: EP)
F04B 35/045 (2013.01); **F04B 39/0005** (2013.01); **F04B 39/1066** (2013.01); **F04B 49/065** (2013.01); **F04B 2201/0201** (2013.01); **F04B 2203/0401** (2013.01); **F04B 2203/0402** (2013.01)

Citation (search report)

- [Y] WO 2009153279 A1 20091223 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- [Y] JP S49123494 U 19741023
- [Y] JP S63243509 A 19881011 - SMC CORP
- [AD] WO 2004025120 A1 20040325 - BRASIL COMPRESSORES SA [BR], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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