

Title (en)
Piston with a sealing

Title (de)
Kolben mit Dichtung

Title (fr)
Piston avec joint d'étanchéité

Publication
EP 0631057 B2 20001129 (DE)

Application
EP 94103900 A 19940314

Priority
DE 4320840 A 19930623

Abstract (en)
[origin: EP0631057A1] Seal for a piston operated by a fluidic medium, containing a supporting body (1) of non-magnetisable material, which at least partly encloses an annular permanent magnet (2) and is connected to at least one sealing lip (3) of elastomeric material, in which arrangement the sealing lip (3) projects on the outside beyond the supporting body (1) in the radial direction and can be brought into sealing engagement with the inner wall (4) of a housing (6) surrounding the piston (5). The supporting body (1) is of one-piece design and is connected to the permanent magnet (2). <IMAGE>

IPC 1-7
F15B 15/28; F16J 15/32; F16J 1/00

IPC 8 full level
F15B 15/28 (2006.01); **F16J 15/32** (2006.01)

CPC (source: EP)
F15B 15/2807 (2013.01)

Citation (opposition)
Opponent :

- DE 2730112 C2 19820415
- DE 3015258 C2 19870507
- DE 7635587 U1 19770310
- EP 0351317 A1 19900117 - AUTOMAX [FR]

Cited by
WO2012052485A1; EP1058037A1; EP1106962A3; EP1391615A3; EP1069320A3; JP2001027358A; EP1069318A3; WO9850828A1; EP1106962A2

Designated contracting state (EPC)
AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0631057 A1 19941228; **EP 0631057 B1 19970820**; **EP 0631057 B2 20001129**; AT E157144 T1 19970915; DE 4320840 C1 19941215; DE 59403770 D1 19970925; ES 2107069 T3 19971116; ES 2107069 T5 20010216

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