

Title (en)
Valve seal

Title (de)
Ventilschaftabdichtung

Title (fr)
Joint de queue de soupape

Publication
EP 1087108 B1 20041117 (DE)

Application
EP 00114494 A 20000706

Priority
DE 19945348 A 19990922

Abstract (en)
[origin: EP1087108A1] The seal (3) consists of an elastomer sealing element (5) held against the valve guide (2) by a metallic sleeve (4). A lip (6) is formed between the seal and shaft by the surfaces (9,10) of a truncated cone pressed against the shaft by a circlip (7). Discontinuous bar-shaped circular beads (11) in the seal act as centring lips for the shaft. They have a diameter (D) greater than the inner diameter (d) of the sealing lip

IPC 1-7
F01L 3/08

IPC 8 full level
F01L 3/08 (2006.01)

CPC (source: EP)
F01L 3/08 (2013.01)

Cited by
DE10207382C1; EP1338763A3; EP1818514A1

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 1087108 A1 20010328; EP 1087108 B1 20041117; DE 19945348 A1 20010419; DE 19945348 C2 20030710; DE 50008651 D1 20041223

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