

Publication

EP 0898057 A3 19990324

Application

EP 98115063 A 19980811

Priority

DE 19736322 A 19970821

Abstract (en)

[origin: EP0898057A2] The valve shaft seal consists of an elastomer seal body (1) with a spring (3) pressing the sealing lip (2) against the valve stem surface (4), and a holding part (6) connected to the seal body, by which the seal is fixed to the valve stem guide surface (11). In its sector fitting round the valve stem guide, the holding part has a region (9) at the front, narrowed in wall thickness and set back radially from the valve guide (7) to receive the seal body, and a rear reinforced region (10).

IPC 1-7

F01L 3/08

IPC 8 full level

F01L 3/08 (2006.01)

CPC (source: EP)

F01L 3/08 (2013.01)

Citation (search report)

- [A] DE 9308125 U1 19930805
- [A] DE 2041729 A1 19710311 - DANA CORP

Cited by

EP1683945A4; CN108488481A; EP2236867A1; WO0049277A1

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EP 0898057 A2 19990224; EP 0898057 A3 19990324; EP 0898057 B1 20020227; DE 19736322 C1 19990408; DE 59803171 D1 20020404; ES 2173534 T3 20021016

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