

Title (en)
Sealing ring

Title (de)
Dichtring

Title (fr)
Anneau d'étanchéité

Publication
EP 1593885 A1 20051109 (DE)

Application
EP 05009230 A 20050427

Priority
DE 102004021868 A 20040504

Abstract (en)
The sealing ring for especially for screw plugs (2) on a flange face (3) has a rigid support element (9) installed between the flange face and screw plug and lies against these components by support faces (10,11). The sealing ring (1) has at least one sealing element (14,16) radially adjacent to at least one of the support faces, and the sealing elements are designed so that they seal the gap face (6) radially on both sides against the environment. In the unloaded state the sealing elements protrude in the axial direction of the support element beyond the support faces. An independent claim is included of a use for the sealing ring which is for installed on a screw plug on a flange face of an engine block.

Abstract (de)
Es wird ein Dichtring für insbesondere an einer Flanschfläche (3) vorgesehene Verschlußschrauben (2) vorgeschlagen, mit einem zwischen der Flanschfläche (3) und der Verschlußschraube (2) angeordneten und zumindest abschnittsweise ringförmig ausgebildeten weitgehend starren Stützelement (9), welches mit Stützflächen (10, 11) an der Flanschfläche (3) und der Verschlußschraube (2) anliegt, wobei der Dichtring (1) radial benachbart zu mindestens einer der Stützflächen (10, 11) jeweils mindestens ein Dichtelement (14, 16) besitzt. <IMAGE>

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F16J 15/12

IPC 8 full level
F01P 11/02 (2006.01); **F16J 15/12** (2006.01)

CPC (source: EP)
F01P 11/0276 (2013.01)

Citation (search report)

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