

Title (en)
PLANAR SEAL

Title (de)
FLACHDICHTUNG

Title (fr)
GARNITURE PLATE

Publication
EP 1861640 A1 20071205 (DE)

Application
EP 06705881 A 20060202

Priority
• DE 2006000152 W 20060202
• DE 102005013416 A 20050323

Abstract (en)
[origin: WO2006099825A1] A planar seal, in particular, a cylinder head gasket for an internal combustion engine, is provided with several through openings (2) forming a web (3) between the same, several screw and media through openings (6), at least one bead (4,4') in the region of each through opening and each web (3) which are contiguous, whereby at least one through drilling (7) is provided on the web side and embodied such that the beads (4') on the through opening side pass to both sides of the through drilling in the direction of the web (3) and are connected to the beads (4) running through the web in the region of the web.

IPC 8 full level
F16J 15/08 (2006.01); **F02F 11/00** (2006.01)

CPC (source: EP US)
F02F 11/002 (2013.01 - EP US); **F16J 15/0818** (2013.01 - EP US); **F16J 15/0825** (2013.01 - EP US); **F16J 2015/0868** (2013.01 - EP US)

Citation (search report)
See references of WO 2006099825A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102005013416 A1 20060928; EP 1861640 A1 20071205; US 2008185790 A1 20080807; WO 2006099825 A1 20060928

DOCDB simple family (application)
DE 102005013416 A 20050323; DE 2006000152 W 20060202; EP 06705881 A 20060202; US 90956106 A 20060202