

Title (en)

METHOD FOR THE PRODUCTION OF FLAT SEALS, AND FLAT SEAL

Title (de)

VERFAHREN ZUR HERSTELLUNG VON FLACHDICHTUNGEN SOWIE FLACHDICHTUNG

Title (fr)

PROCÉDÉ DE FABRICATION DE JOINTS PLATS ET JOINT PLAT

Publication

EP 2129944 A1 20091209 (DE)

Application

EP 08715505 A 20080220

Priority

- DE 2008000306 W 20080220
- DE 102007015690 A 20070331

Abstract (en)

[origin: DE102007015690B3] The method involves positioning individual metallic layers (10-12) lying one above the other in the range of a processing tool (2'). A special circular punching die (2) with interrupted cutting areas (7) are provided on the layers in defined places of a connecting range (14) in such a manner that the layers are partially cut with the cutting areas of the punching die and are simultaneously reformed together with cut-free areas (4) of the punching die. An independent claim is also included for a punching die for executing a method for establishing a detachable clamp-connection of individual layers of a multi-layer flat gasket. .

IPC 8 full level

F16J 15/08 (2006.01); **B21D 39/03** (2006.01)

CPC (source: EP US)

B21D 39/034 (2013.01 - EP US); **F16J 15/0825** (2013.01 - EP US); **Y10T 29/49833** (2015.01 - EP US)

Citation (examination)

- EP 1629905 A1 20060301 - BEHR GMBH & CO KG [DE]
- JP S57154332 A 19820924 - KURODA PRECISION IND LTD

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

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DOCDB simple family (application)

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