

Title (en)
REINFORCED ELASTOMER BEARING FOR HEAVY STRUCTURES

Publication
EP 0166276 A3 19870506 (DE)

Application
EP 85106948 A 19850604

Priority
DE 8419137 U 19840626

Abstract (en)
[origin: EP0166276A2] The bearing (5), whose elastomer material (6) is traversed by reinforcing plates (7) which are mutually separated by elastomer layers (8) and connected to the latter in a shear-resistant manner by vulcanisation, possesses between two mutually adjacent plates a flat capsule press (1) which can be put under pressure and consists of two metal sheets (2) which are welded together at their edge via in each case one bead (3) acting as an articulation, these sheets, together with the beads (3), forming a cavity which takes up the pressure medium and is altered under its pressure, and the said press (1) is fitted elastically into the elastomer (8) of the bearing (5) by vulcanisation, the beads (3) of the press (1) having a flat, elongate form of approximately oval cross-section, the minor axis (a) of which is advantageously matched to the stroke height of the press (1) which is to be expected. <IMAGE>

IPC 1-7
E01D 19/04

IPC 8 full level
E01D 19/04 (2006.01)

CPC (source: EP)
E01D 19/041 (2013.01)

Citation (search report)
[AD] EP 0088969 A1 19830921 - TOPALOFF BORIS DR ING

Cited by
AT389171B; US4887398A; WO8804710A1

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