

Title (en)
REINFORCED ELASTOMER BEARING FOR HEAVY STRUCTURES, ESPECIALLY FOR BRIDGES

Publication
EP 0088969 B1 19851023 (DE)

Application
EP 83102167 A 19830304

Priority
DE 3209120 A 19820312

Abstract (en)
[origin: EP0088969A1] 1. A reinforced elastomer bearer for supporting heavy components, in particular in bridges, wherein the elastomer material thereof has passing therethrough reinforcing plates which are separated from each other by layers of elastomer and which are shear-resistantly connected thereto by vulcanisation characterised in that inserted in the elastomer (8) of the bearer (5) between two mutually adjacent reinforcing plates (7) is a flat pressurisable capsule press (1) which in per se known manner comprises two sheet members (2) which are welded together at their edges by way of a respective bead (3) having a hinge action and which, with the beads (3), form a cavity which accommodates the pressure fluid and which is variable under the pressure thereof, which capsule press is elastically enclosed in the elastomer (6, 8) of the bearer (5) by vulcanisation.

IPC 1-7
E01D 19/04

IPC 8 full level
E01D 19/04 (2006.01)

CPC (source: EP)
E01D 19/041 (2013.01); **E01D 19/048** (2013.01)

Cited by
EP0166276A3; EP0243763A3; EP0155622A3

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0088969 A1 19830921; EP 0088969 B1 19851023; AT E16208 T1 19851115; DE 3209120 C1 19871001; DE 3361049 D1 19851128

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