

Title (en)
Elastomer pot bearing for structures.

Title (de)
Elastomeres Topflager für Bauwerke.

Title (fr)
Appui en élastomère, du type à pot, pour ouvrages.

Publication
EP 0058971 A2 19820901 (DE)

Application
EP 82101302 A 19820219

Priority
DE 3106402 A 19810220

Abstract (en)
1. An elastomer cup-type bearing for structures, in particular bridges, comprising a cup (5) and a cover (6) which engages into the cup, as well as an elastomer disc (2) which is enclosed between the cup and the cover and which forms the deformable part of the bearing upon loading thereof, characterised in that the elastomer disc (2) is connected by vulcanisation on both sides to respective steel plates (3) and is thus formed as a reinforced elastomer bearing in which the steel plates (3) on the two sides thereof project beyond the edge (4) adjoining same of the elastomer layer (2), wherein the faces (1) thereof, which extend therearound uncovered freely in an outward direction, are of a concave configuration.

Abstract (de)
Elastomeres Topflager für Bauwerke, insbesondere Brücken, mit einem Topf und einem in ihn eingreifenden Deckel sowie einem zwischen ihnen eingeschlossenen, den verformbaren Teil des Lagers bei dessen Beanspruchung bildenden Elastomer-Lager, dessen Elastomer-Schicht an ihren frei umlaufenden Stirnflächen konkav ausgebildet ist und dessen beidseitige Stahlplatten über den an sie angrenzenden Rand der Elastomer-Schicht hinausragen.

IPC 1-7
E04B 1/36; **E01D 19/04**

IPC 8 full level
E01D 19/04 (2006.01); **E04B 1/36** (2006.01)

CPC (source: EP)
E01D 19/041 (2013.01); **E01D 19/047** (2013.01); **E04B 1/36** (2013.01)

Cited by
US4593501A

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

DOCDB simple family (publication)
EP 0058971 A2 19820901; **EP 0058971 A3 19830803**; **EP 0058971 B1 19860917**; AT E22338 T1 19861015; DE 3273268 D1 19861023

DOCDB simple family (application)
EP 82101302 A 19820219; AT 82101302 T 19820219; DE 3273268 T 19820219