

Title (en)
VERTICALLY ADJUSTABLE ELASTOMERIC POT-BEARING

Publication
EP 0243763 A3 19881117 (DE)

Application
EP 87105352 A 19870410

Priority
DE 3613545 A 19860422

Abstract (en)
[origin: US4779842A] There is provided a height adjustable rubber pot bearing for supporting or lifting bridges. The pot bearing has an elastomer plate for transmitting and lifting or lowering loads wherein pressurized fluid is introduced between the bottom of the pot and the elastomer plate to displace the elastomer plate. A narrow slot is provided extending around the plate a small distance from and parallel with the inner side of the pot. The slot opens downwardly and has a depth of three-fourths of the plate thickness. A circular cylindrical insert is provided in the slot consisting of two parallel strips joined at their top edge with a space between them, the bottom edges of the strips being angled at right angles to form edge strips extending parallel with the bottom in opposing directions.

IPC 1-7
E01D 19/04; F16J 15/32

IPC 8 full level
E01D 19/04 (2006.01); **F16J 15/32** (2006.01)

CPC (source: EP US)
E01D 19/048 (2013.01 - EP US)

Citation (search report)
• [AP] EP 0183208 A2 19860604 - SCHWAEBISCHE HUETTENWERKE GMBH [DE]
• [A] EP 0088969 A1 19830921 - TOPALOFF BORIS DR ING
• [A] EP 0122474 A2 19841024 - MASCHF AUGSBURG NUERNBERG AG [DE]
• [A] DE 2063746 A1 19720713
• [A] DE 2461325 B1 19760401 - KOBER AG
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• [A] DE 1179477 B 19641008 - SCHOEN & CIE G M B H

Cited by
AT409873B

Designated contracting state (EPC)
AT CH DE FR IT LI

DOCDB simple family (publication)
EP 0243763 A2 19871104; EP 0243763 A3 19881117; EP 0243763 B1 19901003; AT E57213 T1 19901015; CS 270223 B2 19900613; CS 285487 A2 19891013; DE 3765296 D1 19901108; US 4779842 A 19881025

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