

Title (en)
Structural bearings.

Title (de)
Baulager.

Title (fr)
Appui pour constructions.

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Application
EP 84303374 A 19840517

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Abstract (en)
A structural bearing (1) comprises a first load-bearing part or element (2, 3) having a concave surface and a second load-bearing part or element (4) having a portion (4a) with a convex surface, the concave surface being in the shape of a segment of a circular cylinder and the convex surface also being in the shape of a segment of said cylinder, one of said surfaces being formed by a low-friction polymeric material (6) and the other said surface being formed by metal, said portion of the second part being located in the first part so that the concave and convex surfaces are in mutual sliding contact and the second part can thus rotate relative to the first part about the axis of the cylinder. The invention enables the disadvantages of known rotary structural bearings to be avoided. Such known bearings are expensive to manufacture because of the required machining out of a concavity in the base part and the need to make a ptfе lining to close tolerances by accurate machining out of the lining from a block of ptfе, which is expensive.

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CPC (source: EP)
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Cited by
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