

Title (en)

A SLIDING SWING BEARING FOR BRIDGES AND SIMILAR STRUCTURES COMPRISING TOP, CENTRE AND BASE PLATE, AND METHOD FOR LINING THE CURVED UPPER SURFACE OF THE BASE PLATE OF SUCH BEARINGS

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Application

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Priority

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Abstract (en)

[origin: US4320549A] A rocker-sliding bearing for bridges or similar structures and a method of lining the concave top side surface of a curved baseplate of a rocker-slider bearing wherein the rocker-slider bearing includes a flat top plate, an intermediate plate having a flat top side and a convex curved underside surface, a bedplate and a baseplate having a correspondingly concave curved top side surface in turn secured to the bedplate, the curved surface on the top of the baseplate including a lining of corrosion-resistant material and the curved surface of the intermediate plate including a lining with a low coefficient of friction relative to the highly corrosion-resistant material on the curved surface of the baseplate wherein the lining on the curved surface of the baseplate includes a preformed curved disc positioned on the baseplate and secured to the concave top side thereof.

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