

Title (en)

BRIDGING DEVICE FOR EXPANSION JOINTS IN BRIDGES OR THE LIKE

Publication

EP 0039454 A3 19811209 (DE)

Application

EP 81103089 A 19810424

Priority

- DE 3017048 A 19800503
- DE 3019594 A 19800522

Abstract (en)

[origin: EP0039454A2] In a bridging device for expansion joints in bridges or the like, having one or more laminae (L) running in the longitudinal direction of the joint gap, the laminae (L) are supported relative to the joint edges. Part-crossbeams (T), which connect the laminae (L) to one another and to the joint edges, produce a favourable distribution of the vertical loads, a mounting of the laminae (L) which is secure against tilting, and, at the same time, control over their spacing. The part-crossbeams (T) are each rigidly connected to a lamina (L) or a joint edge and at least one adjacent lamina (L) via shear-deformable elastomeric mounting elements (4), in such a way that the latter form an elastic mounting chain running from one joint edge to the other. For larger joints, transverse girders (Q) which are also mounted displaceably with their ends in the opposing joint edges are provided in addition to the part-crossbeams (T) for supporting the laminae. The part-crossbeams (T) are in each case received in openings of a joint edge and of one or more laminae (L) or in openings of at least two laminae (L). <IMAGE>

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E01D 19/06

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- [A] DE 1559402 B1 19710506 - RHEINSTAHL UNION AG
- [A] DE 2512048 B2 19770113
- DE 2110760 B2 19730620
- [AD] DE 2004634 A1 19710902
- [A] DE 2013938 A1 19711021
- [A] DE 2746490 B2 19791025

Cited by

EP0633358A1; EP1710351A1; CN110804946A; EP0099456A3; AT394591B; EP0090986A3; CN104452581A; WO2021082513A1; WO2006074892A1

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