

Title (en)
METHOD OF REINFORCING ARCHES OR SIMILAR CONSTRUCTIONS

Publication
EP 0089861 B1 19881228 (FR)

Application
EP 83400387 A 19830225

Priority
FR 8204825 A 19820322

Abstract (en)
[origin: EP0089861A1] 1. Process for strengthening an arch (1) comprising the operations consisting in prefabricating a relatively thin vault (2), for example of reinforced concrete, with a profile adapted to that of the arch (1) to be strengthened, in placing it under the intrados of the arch (1), in supporting it therein temporarily or permanently, and in then inserting between the extrados of the prefabricated vault (2) and the intrados of the arch, a suitable filling (5), temporary or permanent, suitable for transmitting the forces of the arch (1) to the prefabricated vault (2), characterized in that the filling (5) inserted between the vault (2) and the arch (1) contains means specially intended to facilitate the relative movements of the vault and of the arch in a direction tangential thereto.

IPC 1-7
E01D 21/00; **E04G 23/02**

IPC 8 full level
E01D 21/00 (2006.01); **E01D 22/00** (2006.01); **E04G 23/02** (2006.01)

CPC (source: EP)
E01D 22/00 (2013.01); **E04G 23/0218** (2013.01); **E04G 23/0233** (2013.01)

Citation (examination)
H.Weidmann: Brückenbau, S. 347-353 (Werner Verlag, 1982)

Cited by
RU169131U1; RU2471943C2; RU171760U1; CN112342942A; CN109281257A; EP0567659A1; RU169130U1; RU2689009C1; CZ305270B6; RU171928U1; CN112411743A; FR2751013A1; CN103758048A; CZ306367B6; RU2640612C2; CN106088646A; CN107905551A; CN107916796A; CN107916797A; CN107989397A; CN107989398A; CN108360835A

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DOCDB simple family (publication)
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