

Title (en)
Brickwork for a lintel, with reinforcements and hanging device for the same

Title (de)
Mauerwerk als Verblendsturz mit Bewehrung und Mauerwerkabfangvorrichtung

Title (fr)
Maçonnerie pour linteau avec armature et dispositif de suspension relatif

Publication
EP 0603517 B1 19970730 (DE)

Application
EP 93117976 A 19931105

Priority
• DE 9217654 U 19921224
• DE 9300258 U 19930112
• DE 9306276 U 19930426
• DE 9306749 U 19930505

Abstract (en)
[origin: EP0603517A1] The masonrywork in the form of a facing lintel, having stretcher layers and having a stretcher layer or rowlock located therebeneath and having a reinforcement (10 to 12) embedded in the joints (17), in the mortar, is designed in such a manner that, in order to produce a bond between compression and tension zones of the composite lintel, in the case of which the compressively bearing bricks of the stretcher layer (15) form, via the reinforcement (100), an anchorage system which retains the bricks, of the rowlock (16), provided beneath the reinforcement (100), [lacuna]. Said reinforcement (100) is composed of parallel longitudinal bars (10, 11) and arcuate bows (13), or panels, which are arranged perpendicularly with respect to the longitudinal bars and extend into the stretcher layer and into the rowlock, the bows (13) guided into the stretcher layer (15) of the composite lintel extending into the adjacent mortar or cement/mortar joint (18) located parallel to the longitudinal joint (17). <IMAGE>

IPC 1-7
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IPC 8 full level
E04B 1/41 (2006.01); **E04B 2/10** (2006.01); **E04C 3/02** (2006.01); **E04C 5/00** (2006.01); **E04C 5/02** (2006.01); **E04C 5/06** (2006.01); **E04C 5/16** (2006.01)

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