

Title (en)  
Masonry lintel

Title (de)  
Verblendsturz aus Mauerwerk

Title (fr)  
Linteau en maçonnerie

Publication  
**EP 0745741 B1 20000419 (DE)**

Application  
**EP 96113715 A 19931105**

Priority  

- DE 9217654 U 19921224
- DE 9300258 U 19930112
- DE 9306276 U 19930426
- DE 9306749 U 19930505
- EP 93117976 A 19931105

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  
**E04C 3/02**; **E04B 2/10**; **E04C 5/00**; **E04C 5/16**

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)

CPC (source: EP)  
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Cited by  
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CH DE DK GB LI NL SE

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**EP 0603517 A1 19940629**; **EP 0603517 B1 19970730**; DE 59307015 D1 19970904; DE 59310015 D1 20000525; DE 59310029 D1 20000608; DK 0603517 T3 19971027; EP 0737786 A1 19961016; EP 0737786 B1 20000503; EP 0745741 A2 19961204; EP 0745741 A3 19961218; EP 0745741 B1 20000419

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**EP 93117976 A 19931105**; DE 59307015 T 19931105; DE 59310015 T 19931105; DE 59310029 T 19931105; DK 93117976 T 19931105; EP 96107627 A 19931105; EP 96113715 A 19931105