

Title (en)  
Wood-concrete composite element

Title (de)  
Holz-Beton-Verbundelement

Title (fr)  
Élément à structure mixte bois-béton

Publication  
**EP 0952271 A3 20001220 (DE)**

Application  
**EP 99108066 A 19990423**

Priority  
DE 19818525 A 19980424

Abstract (en)  
[origin: EP0952271A2] Several ribs (5) are inserted between the boards (4) in the wooden structural part (2) and extend over the total length of the boards (4) into the concrete part (3). Above the compound surface (7) are recesses (11,12,14,15). A number of cross force anchors (10) run crossways to the longitudinal direction of the compound ribs in the recesses and are enclosed by the concrete part. The cross force anchors and the connecting ribs form a union which can accommodate the forces acting vertically to the plane of the board stack component. The cross force anchors are metallic flat profiles (10a), angle profiles (10c,10d) or round bars (10b,10f), arranged in grooves (11) of the connecting ribs.

IPC 1-7  
**E04C 3/29**; **E04C 2/26**; **E04B 5/38**; **E04C 2/12**; **E04B 5/02**

IPC 8 full level  
**E04B 5/23** (2006.01); **E04B 5/38** (2006.01); **E04C 2/26** (2006.01); **E04C 3/29** (2006.01)

CPC (source: EP)  
**E04B 5/23** (2013.01); **E04B 5/38** (2013.01); **E04C 2/26** (2013.01); **E04C 3/29** (2013.01); **E04B 2005/237** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0952271 A2 19991027**; **EP 0952271 A3 20001220**; DE 19818525 A1 19991111; DE 19818525 B4 20041125

DOCDB simple family (application)  
**EP 99108066 A 19990423**; DE 19818525 A 19980424