

Title (en)  
BUILDING SLAB

Publication  
**EP 0066647 B1 19841128 (DE)**

Application  
**EP 81106066 A 19810803**

Priority  
DE 3119703 A 19810518

Abstract (en)  
[origin: EP0066647A1] 1. Armoured concrete building slab comprising at least one armouring grid (5) and at least one cavity formed in the concrete by means of a displacement body (4) and limited on at least two sides thereof by likewise armoured concrete ribs (3), characterized in that the armouring of said concrete ribs (3) comprises raised portions (7) formed in said armouring grid (5) at spaced locations, the dimensions of the planar portion (6) between each two raised portions (7) approximately corresponding to the dimension of said displacement body (4) transversely of said raised portions (7), so that said displacement body (4) is received between said raised portions (7) in a substantially non-shiftable manner, said displacement body consisting of a downwards opening hollow profile formed of a grid structure (10) of metal rods, and a plastic sheet material (11) covering the side of said grid structure facing towards the concrete.

IPC 1-7  
**E04C 2/06**; **E04C 5/04**; **B21F 27/20**

IPC 8 full level  
**B21F 27/20** (2006.01); **E04B 5/00** (2006.01); **E04B 5/02** (2006.01); **E04B 5/19** (2006.01); **E04B 5/38** (2006.01); **E04C 2/04** (2006.01); **E04C 2/06** (2006.01); **E04C 5/02** (2006.01); **E04C 5/04** (2006.01); **E04C 5/06** (2006.01); **E04G 11/46** (2006.01)

CPC (source: EP)  
**E04B 5/326** (2013.01); **E04C 2/044** (2013.01)

Citation (examination)  
FR 1520032 A 19680405

Cited by  
US7067588B2; CN111502092A; AU673446B2; AT407411B; CN110219408A; AT410688B; CN115045436A; AT406064B; DE10211804A1; DE10211804B4; CN107165320A; CN111502093A; ES2158820A1; EP0511193A3; US5398470A; CN109415893A; EP3469160A4; DE102017119087A1; WO2019038121A1; US6272805B1; US6705055B2; WO2016200267A1; WO2017217863A1

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