

Title (en)  
CONCRETE ELEMENT FOR STRUCTURAL FLOOR

Publication  
**EP 0165222 A3 19880113 (EN)**

Application  
**EP 85850206 A 19850614**

Priority  
SE 8403220 A 19840615

Abstract (en)  
[origin: EP0165222A2] A concrete element for constructing a structural floor has a prefabricated base slab (1) of concrete supporting the reinforcement (2) of the element, and a concrete slab (3) cast onto said base plate. The cast-on slab (3) consists of an upper layer (5) of concrete having a compressive strength of at least 30 MPa (after 28 days) and a density of at least 2,300 kg/m<3>, and of a lower layer (4) of lightweight aggregate concrete having a density of 600-800 kg/m<3>.

IPC 1-7  
**E04C 2/50**

IPC 8 full level  
**E04B 5/02** (2006.01); **E04C 5/065** (2006.01)

IPC 8 main group level  
**E04B** (2006.01); **E04C** (2006.01)

CPC (source: EP)  
**E04B 5/38** (2013.01)

Citation (search report)  
• [X] AT 301131 B 19720825 - JOSEF WEIDINGER  
• [Y] US 3870553 A 19750311 - HUSSEY EDWARD B  
• [XP] GB 2142674 A 19850123 - ELKEM AS  
• [A] FR 2259954 A1 19750829 - KUNZ ALFRED & CO [DE]  
• [A] BETONKALENDER; TASCHENBUCH FÜR BETON-, STAHLBETON- UND SPANNBETONBAU SOWIE DIE VERWANDTEN FÄCHER, vol. 65, Part 1, Ernst & Sohn, Berlin, DE

Cited by  
NL2003247C2; EP2107180A3; NO20161845A1; NO342700B1; FR2660345A1; AU2005244578B2; US11242689B2

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0165222 A2 19851218; EP 0165222 A3 19880113**; DK 270985 A 19851216; DK 270985 D0 19850614; FI 852385 A0 19850614; FI 852385 L 19851216; NO 852408 L 19851216; SE 8403220 D0 19840615; SE 8403220 L 19851216

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