

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) Publication number:

0 165 222
A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 85850206.5

(51) Int. Cl.³: E 04 C 2/50

(22) Date of filing: 14.06.85

(30) Priority: 15.06.84 SE 8403220

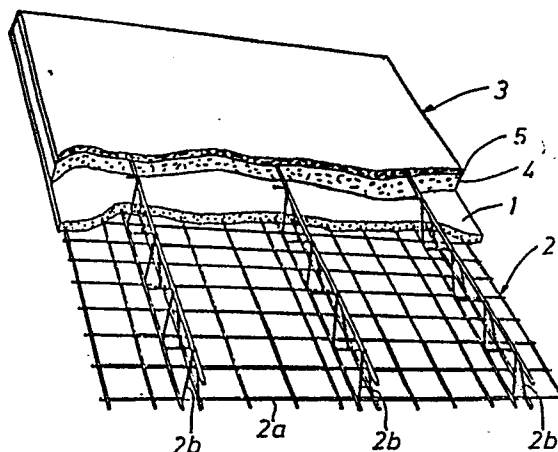
(43) Date of publication of application:
18.12.85 Bulletin 85/51

(88) Date of deferred publication of search report: 13.01.88

(64) Designated Contracting States:
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(54) Concrete element for structural floor.

(57) 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/m³, and of a lower layer (4) of lightweight aggregate concrete having a density of 600-800 kg/m³.



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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	AT-B- 301 131 (WEIDINGER) * Page 2, lines 1-4,12-16; page 2, line 37 - page 3, line 9; figure *	1-3,5	E 04 C 2/50
Y	---	4	
A	BETONKALENDER; TASCHENBUCH FÜR BETON-, STAHLBETON- UND SPANNBETONBAU SOWIE DIE VERWANDTEN FÄCHER, vol. 65, Part 1, Ernst & Sohn, Berlin, DE * Page 5, paragraph A-1: "Allgemeines"; page 32, paragraph 3.2.3: "Betonfestigkeitsklassen"; page 70, table 29: "Kennzeichnende Eigenschaften einiger Leichtzuschläge..."; page 71, table 31: "Rohdichteklassen und Berechnungsgewichte..."; page 72, table 32 *	1-3	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			E 04 C
Y	US-A-3 870 553 (HUSSEY) * Column 2, lines 35-45; column 2, line 67 - column 3, line 59 *	4	
X,P	GB-A-2 142 674 (ELKEM) * Page 1, line 15 - page 2, line 30; page 2, line 49 - page 3, line 18; figure *	1-5	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28-10-1987	Examiner LAUE F.M.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	FR-A-2 259 954 (KUNZ) * Page 2, line 35 - page 3, line 4; figure * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
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