

Title (en)  
CONCRETE SHUTTERING PANEL

Title (de)  
SCHALUNGSTAFEL AUS BETON

Title (fr)  
PANNEAU DE COFFRAGE EN BETON

Publication  
**EP 0832335 B1 19990908 (DE)**

Application  
**EP 95922411 A 19950620**

Priority  
• DE 9500820 W 19950620  
• DE 4421839 A 19940622

Abstract (en)  
[origin: WO9535422A1] To give a lightweight lost concrete shuttering panel (1) adequate strength it is proposed to lay threads (5, 6), especially glass fibres, in criss-cross array in the region of the shuttering panel subject to tensile stress in use. In order to increase the strength of the shuttering panel further, fibres may be also be laid in the regions subject to compressive stress. It is proposed that glass fibres be used as they have the advantage of higher tensile strength for a given weight and are resistant to corrosion in the concrete. The side (9) of the shuttering panel facing the in-situ concrete (18) is to form an intimate bond therewith and is chamfered at its edges (13).

IPC 1-7  
**E04B 2/86**; E04B 1/16; E04B 5/36; E04C 2/06

IPC 8 full level  
**E04B 1/16** (2006.01); **E04B 2/86** (2006.01); **E04B 5/36** (2006.01); **E04C 2/06** (2006.01); E04B 2/74 (2006.01)

CPC (source: EP)  
**E04B 1/164** (2013.01); **E04B 2/8652** (2013.01); **E04B 5/36** (2013.01); **E04C 2/06** (2013.01); E04B 2002/749 (2013.01)

Designated contracting state (EPC)  
AT DE ES FR GB IT

DOCDB simple family (publication)  
**WO 9535422 A1 19951228**; AT E184351 T1 19990915; AU 2731795 A 19960115; DE 4421839 C1 19960118; DE 59506813 D1 19991014; EP 0832335 A1 19980401; EP 0832335 B1 19990908; JP H10504359 A 19980428

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**DE 9500820 W 19950620**; AT 95922411 T 19950620; AU 2731795 A 19950620; DE 4421839 A 19940622; DE 59506813 T 19950620; EP 95922411 A 19950620; JP 50148295 A 19950620