

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)

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