

Title (en)
Smooth, light concrete floor.

Title (de)
Ebene Leichtdecken aus Stahlbeton.

Title (fr)
Plancher léger plan en béton.

Publication
EP 0450682 A1 19911009 (EN)

Application
EP 91200557 A 19910315

Priority
NL 9000620 A 19900317

Abstract (en)
Concrete floor to span the distance between supports, consisting of a plate-shaped part (1), reinforced and with a smooth surface (2) with underneath it, longitudinally, beams of prestressed concrete (3,4) and between those beams (3,4), diagonally, underneath the plate-shaped part (1) projecting rows of a zigzag reinforcement (11,12). That zigzag reinforcement (11,12) is connected underneath the floor to a tie rod (17) and in the plate-shaped part to rods (13,14) that are part of the reinforcement in the plate-shaped part. <IMAGE>

IPC 1-7
E04B 5/02

IPC 8 full level
E04B 5/02 (2006.01); **E04C 2/06** (2006.01)

CPC (source: EP)
E04B 5/04 (2013.01); **E04C 2/06** (2013.01)

Citation (search report)
• [X] FR 2123160 A1 19720908 - GAUTER JEAN
• [Y] NL 7804547 A 19791030 - WAARDO BETON B V I O
• [Y] DE 3623917 A1 19870219 - OST BAU MONTAGE [DD]
• [Y] AU 576648 A
• [Y] NL 7213760 A 19730417
• [Y] US 3848381 A 19741119 - BLOXOM D
• [Y] FR 2578276 A1 19860905 - RECH ETUDES TECH [FR]
• [A] US 4495688 A 19850129 - LONGPRE FRANCOIS [CA], et al

Cited by
DE10349155A1; DE19736670A1; DE19842742B4; DE29615361U1; DE19706666A1; DE19706666C2; WO2008015278A1

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

DOCDB simple family (publication)
EP 0450682 A1 19911009; NL 9000620 A 19911016

DOCDB simple family (application)
EP 91200557 A 19910315; NL 9000620 A 19900317