

Title (en)
CONCRETE FLOOR DEVICE

Title (de)
BETONBODENVORRICHTUNG

Title (fr)
DISPOSITIF DE PLANCHER EN BETON

Publication
EP 1966449 A4 20101006 (EN)

Application
EP 06824514 A 20061205

Priority
• SE 2006001385 W 20061205
• SE 0502666 A 20051206

Abstract (en)
[origin: WO2007067130A1] The present invention relates to a concrete floor assembly comprising a subfloor element with a floor side and a ground/ceiling side, and a top casting layer. The subfloor element comprises a concrete portion on the floor side, which concrete portion has a bottom casting surface with a surface roughness. The top casting layer comprises a casting composition, which comprises a self-compacting concrete and a shrinkage reducing admixture. The top casting layer is cast on the floor side of the subfloor element so that at least a portion of the bottom casting surface is covered by the top casting layer, the bottom casting surface having such surface roughness that the top casting layer adheres to the bottom casting surface. The invention further relates to a method of providing such a concrete floor assembly as well as a floor assembly.

IPC 8 full level
E04F 15/12 (2006.01); **C04B 28/00** (2006.01); **E04B 5/04** (2006.01); **E04B 5/17** (2006.01)

CPC (source: EP SE US)
C04B 28/02 (2013.01 - EP US); **E04B 5/043** (2013.01 - EP US); **E04B 5/17** (2013.01 - EP US); **E04B 5/38** (2013.01 - EP US);
E04F 15/12 (2013.01 - EP SE US); **C04B 2111/00103** (2013.01 - EP US); **C04B 2111/00612** (2013.01 - EP US); **C04B 2111/60** (2013.01 - EP US);
C04B 2111/62 (2013.01 - EP US)

C-Set (source: EP US)
1. **C04B 28/02 + C04B 14/28 + C04B 40/04 + C04B 41/5323**
2. **C04B 28/02 + C04B 14/22 + C04B 40/04 + C04B 41/5323**

Citation (search report)
[A] US 6955014 B2 20051018 - LEJEUNE MICHAEL [US], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007067130 A1 20070614; EP 1966449 A1 20080910; EP 1966449 A4 20101006; JP 2009518564 A 20090507; NO 20082528 L 20080904;
SE 0502666 L 20070605; SE 529224 C2 20070605; US 2009301009 A1 20091210

DOCDB simple family (application)
SE 2006001385 W 20061205; EP 06824514 A 20061205; JP 2008544298 A 20061205; NO 20082528 A 20080605; SE 0502666 A 20051206;
US 8606206 A 20061205