

Title (en)
Load bearing panel and panel structure.

Title (de)
Tragende Platte und struktureller Körper.

Title (fr)
Panneau portant et corps structure.

Publication
EP 0406016 A1 19910102 (EN)

Application
EP 90307173 A 19900629

Priority
• GB 8915107 A 19890630
• GB 8928271 A 19891214

Abstract (en)
A lightweight rigid floor panel comprises a tray (10) having a generally planar base (12) and upstanding side walls (14). The base (12) has a plurality of dome-like projections (16) extending above the base, the uppermost surfaces of which are slightly flattened. An insert (28) has a generally planar surface (30) also optionally provided with a plurality of dome-like depressions (32) which extend below the surface (30) and contact the projections (16) of the base. The panel structure formed from the tray (10) and insert (28) secured together, for example by welding, is formed into a load bearing panel by the addition of settable, for example cementitious material, in the space above the insert and defined between the insert (28) and the side walls (14).

IPC 1-7
E04C 2/32; **E04F 15/024**

IPC 8 full level
E04C 2/32 (2006.01); **E04F 15/024** (2006.01)

CPC (source: EP)
E04C 2/326 (2013.01); **E04F 15/02429** (2013.01)

Citation (search report)
• [Y] FR 1081794 A 19541222 - FIAT SPA
• [Y] GB 128716 A 19190623 - COPE HERBERT AMBROSE [GB]
• [X] US 4203268 A 19800520 - GLADDEN ROBERT S JR [US], et al

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EP0969157A3

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

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