

Title (en)

Improvements in or relating to decking profiles for composite floors.

Title (de)

Verbesserungen an Tafelprofilen für Verbunddecken.

Title (fr)

Améliorations relatives aux profilés de tablier pour planchers composites.

Publication

**EP 0480592 A1 19920415 (EN)**

Application

**EP 91308562 A 19910919**

Priority

GB 9022108 A 19901011

Abstract (en)

A profiled castellated metal sheet has secondary features 4 surmounting its flat-topped areas 3 which run parallel to the castellations and which are upstanding from the flat-topped areas 3 in use and have a maximum open width of 25 mm. These secondary features 4 are used to support a mesh when the sheet is used as a decking for a composite steel/concrete floor, and avoid the need to support the mesh on separately provided mesh support stools. The use of such a castellated sheet therefore decreases both the time and cost involved in construction of such composite floors, and also increases the structural integrity of the floors so formed. <IMAGE>

IPC 1-7

**E04B 5/40**

IPC 8 full level

**E04B 5/40** (2006.01)

CPC (source: EP)

**E04B 5/40** (2013.01)

Citation (search report)

- [X] GB 2195680 A 19880413 - QUIKSPAN CONSTRUCTION LIMITED, et al
- [X] FR 2239570 A1 19750228 - SOWA W [DE]
- [X] BE 537594 A
- [Y] GB 1502133 A 19780222 - REDPATH DORMAN LONG LTD
- [A] US 3956864 A 19760518 - FUNG CHING

Cited by

EP2412887A1; CN100360751C; CN112081283A; US6112482A; AU723312B2; WO9730240A1; WO2009118498A1; WO2019186401A1; WO2007141380A1

Designated contracting state (EPC)

BE DE ES FR IT NL

DOCDB simple family (publication)

**EP 0480592 A1 19920415**; GB 2248644 A 19920415; GB 9022108 D0 19901121

DOCDB simple family (application)

**EP 91308562 A 19910919**; GB 9022108 A 19901011