

Title (en)

Profiled steel deck

Title (de)

Profiliertes Stahlboden

Title (fr)

Plateforme en acier profilé

Publication

EP 2412887 A1 20120201 (EN)

Application

EP 11008078 A 20080908

Priority

- EP 08806206 A 20080908
- GB 0805387 A 20080325
- GB 0815913 A 20080902

Abstract (en)

A Profiled deck is roll-formed from a steel sheet to define at least one pair of crests, a stiffener upstanding from the surface of each crest, a trough positioned between the or each pair of crests, and inclined webs extending between the sides of the trough and the neighbouring sides of the crests. The boundary between each web and crest defines a corner which has a smooth curvilinear profile and the elemental compression width of each crest is no more than four times the elemental compression width of the respective stiffener. Furthermore, the radius of each curvilinear corner is not less than 33mm.

IPC 8 full level

E04B 5/40 (2006.01)

CPC (source: EP US)

E04B 5/40 (2013.01 - EP US)

Citation (applicant)

- GB 1361448 A 19740724 - PRINS NV, et al
- US 4453364 A 19840612 - TING RAYMOND M L [US]
- US 4675238 A 19870623 - KAROUBAS KONSTANTINOS I [US]
- US 5056348 A 19911015 - ALBRECHT RAYMOND E [US], et al
- GB 2397074 A 20040714 - CORUS UK LTD [GB]

Citation (search report)

- [X] WO 9730240 A1 19970821 - BRITISH STEEL PLC [GB], et al
- [X] GB 2195680 A 19880413 - QUIKSPAN CONSTRUCTION LIMITED, et al
- [X] EP 0480592 A1 19920415 - PRECISION METAL FORMING LTD [GB]
- [AD] GB 2397074 A 20040714 - CORUS UK LTD [GB]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2009118498 A1 20091001; AT E533901 T1 20111215; AU 2008353334 A1 20091001; CA 2717203 A1 20091001; EP 2268869 A1 20110105; EP 2268869 B1 20111116; EP 2412887 A1 20120201; GB 0805387 D0 20080430; GB 0815913 D0 20081008; NZ 587727 A 20120224; US 2011047933 A1 20110303

DOCDB simple family (application)

GB 2008003020 W 20080908; AT 08806206 T 20080908; AU 2008353334 A 20080908; CA 2717203 A 20080908; EP 08806206 A 20080908; EP 11008078 A 20080908; GB 0805387 A 20080325; GB 0815913 A 20080902; NZ 58772708 A 20080908; US 93397308 A 20080908