

Title (en)

SCAFFOLD PLANK WITH END CONNECTOR AND METHOD OF MAKING THE SAME

Title (de)

GERÜSTBOHLE MIT ENDVERBINDER UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

PLANCHE D'ÉCHAFAUDAGE PRÉSENTANT UN CONNECTEUR D'EXTRÉMITÉ ET PROCÉDÉ DE FABRICATION DE CELUI-CI

Publication

EP 2029833 A4 20100630 (EN)

Application

EP 07795843 A 20070607

Priority

- US 2007013403 W 20070607
- US 80416206 P 20060607
- US 75905807 A 20070606

Abstract (en)

[origin: WO2007146056A2] A scaffold plank assembly for engagement to a scaffolding frame. The scaffold plank assembly comprises an elongate, non-metal plank which defines opposed first and second ends and at least one interior cavity. Attached to respective ones of the opposed ends of the plank is a pair of end connectors. The end connectors each comprise a main body, and at least two arms which are attached to the main body. Attached to and extending from the main body is at least one attachment finger which is extensible into the interior cavity of the plank. The main body also includes at least two notches formed therein which are sized and configured to receive respective ones of the arms of another end connector in a nesting fashion. Additionally, disposed within the attachment finger of the end connector is an aperture which may be coaxially aligned with a pair of apertures disposed within the plank when the attachment finger is fully advanced into the interior cavity thereof. These coaxially aligned apertures are adapted to receive an elongate pin which, when advanced through the apertures and secured to the plank, maintains the end connector in firm engagement to the plank. The plank itself may further be provided with a non-slip texture which is formed directly within the outer, top surface of the top wall thereof.

IPC 8 full level

E04G 1/15 (2006.01)

CPC (source: EP US)

E04G 1/152 (2013.01 - EP US); **E04G 1/153** (2013.01 - EP US); **E04G 1/154** (2013.01 - EP US)

Citation (search report)

- [XY] US 2004040788 A1 20040304 - BOTHWELL TIMOTHY B [US], et al
- [Y] EP 1600558 A1 20051130 - ASAHI ENGINEERING [JP], et al
- [A] GB 1244722 A 19710902 - HAMILTON ANDREW
- See references of WO 2007146056A2

Cited by

US2022003007A1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007146056 A2 20071221; **WO 2007146056 A3 20081106**; AU 2007258627 A1 20071221; CA 2658825 A1 20071221; EP 2029833 A2 20090304; EP 2029833 A4 20100630; US 2007289813 A1 20071220

DOCDB simple family (application)

US 2007013403 W 20070607; AU 2007258627 A 20070607; CA 2658825 A 20070607; EP 07795843 A 20070607; US 75905807 A 20070606