

Title (en)

DOUBLE T-SHAPED STEEL BULKHEAD PROFILE AND TOOL FOR ITS FABRICATION

Title (de)

DOPPEL-T-FÖRMIGES SPUNDWANDPROFIL AUS STAHL SOWIE WERKZEUG ZU SEINER HERSTELLUNG

Title (fr)

PROFILE DE MUR DE PALPLANCHES EN ACIER, EN DOUBLE T ET OUTIL POUR SA PRODUCTION

Publication

EP 1660249 B1 20070822 (DE)

Application

EP 04728329 A 20040420

Priority

- DE 2004000857 W 20040420
- DE 10339957 A 20030825

Abstract (en)

[origin: DE10339957B3] The Double T-shaped strip (1) is made of steel and is produced by rolling. It has two flange sectors (3) linked by a web (8), with connected sectors (4) to receive connecting locks. The middle wall thickness (2) is increased in the flange sector. This increase is produced during the course of the hot rolling strip production process.

IPC 8 full level

B21B 1/08 (2006.01); **B21B 1/082** (2006.01); **E02D 5/04** (2006.01)

CPC (source: EP KR US)

B21B 1/082 (2013.01 - EP KR US); **B21B 1/092** (2013.01 - KR); **B21B 37/00** (2013.01 - KR); **E02D 5/04** (2013.01 - EP KR US); **Y10T 428/12264** (2015.01 - EP US); **Y10T 428/12375** (2015.01 - EP US)

Cited by

WO2016020494A1

Designated contracting state (EPC)

ES FR GB LU

DOCDB simple family (publication)

DE 10339957 B3 20050113; CN 100451243 C 20090114; CN 1813108 A 20060802; EP 1660249 A1 20060531; EP 1660249 B1 20070822; ES 2293248 T3 20080316; JP 2007503312 A 20070222; JP 4504373 B2 20100714; KR 20060054403 A 20060522; PL 208398 B1 20110429; PL 379246 A1 20060807; US 2006228574 A1 20061012; US 7500808 B2 20090310; WO 2005025770 A1 20050324

DOCDB simple family (application)

DE 10339957 A 20030825; CN 200480018307 A 20040420; DE 2004000857 W 20040420; EP 04728329 A 20040420; ES 04728329 T 20040420; JP 2006524209 A 20040420; KR 20067002172 A 20060131; PL 37924604 A 20040420; US 56925606 A 20060221