

Title (en)

Rapidly reconfigurable pallet for safe transport of stacks of sheet metal blanks

Title (de)

Schnell rekonfigurierbare Palette für den sicheren Transport von Stapeln aus Metallblechrohlingen

Title (fr)

Palette reconfigurable rapidement pour le transport en toute sécurité des piles d'ébauches en tôle

Publication

**EP 2607257 A1 20130626 (EN)**

Application

**EP 12198316 A 20121220**

Priority

IT TO20111198 A 20111223

Abstract (en)

A rapidly reconfigurable pallet for safe transport of stacks of sheet-metal blanks comprises a base structure (2) with a plurality of cross members (T) that define a resting surface for the stack of sheet-metal blanks that is raised with respect to the top surface of the base structure (2). Associated to the base structure are auxiliary longitudinal beams (S), the top walls of which are in a lower position with respect to the aforesaid resting surface defined by the cross members (T). Said cross members (T) and said auxiliary longitudinal beams (S) have respective arrays of holes (t, s) of a different shape for receiving first and second posts (P1, P2) that have lengths different from one another and bottom portions with sections different from one another, corresponding to the shapes of the respective receiving holes. Associated to some of the aforesaid posts are brackets (B), which are height-adjustable, designed to press on the top surface of the stack to keep it vertical.

IPC 8 full level

**B65D 19/44** (2006.01); **B65D 19/38** (2006.01)

CPC (source: EP)

**B65D 19/0095** (2013.01); **B65D 19/385** (2013.01); **B65D 19/44** (2013.01); **B65D 2519/00024** (2013.01); **B65D 2519/00059** (2013.01); **B65D 2519/00233** (2013.01); **B65D 2519/00273** (2013.01); **B65D 2519/00293** (2013.01); **B65D 2519/00323** (2013.01); **B65D 2519/00333** (2013.01); **B65D 2519/00676** (2013.01); **B65D 2519/00815** (2013.01); **B65D 2519/0096** (2013.01); **B65D 2519/0097** (2013.01); **B65D 2585/6887** (2013.01)

Citation (applicant)

US 5809906 A 19980922 - JANEK NIKOLAS CHRISTIAN [US]

Citation (search report)

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- [A] US 2002096445 A1 20020725 - AUSTIN MICHAEL D [US], et al
- [A] WO 2007119320 A1 20071025 - TOYOTA STEEL CT CO LTD [JP], et al
- [AD] US 5809906 A 19980922 - JANEK NIKOLAS CHRISTIAN [US]

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