Title (en)
Device for transporting coils of metal strip on pallets

Title (de)
Vorrichtung zum Transport von Metallbandbunden auf Paletten

Title (fr)
Dispositif de transport de bobines de bande métallique sur palettes

Publication
EP 1683588 A1 20060726 (DE)

Application
EP 06000349 A 20060110

Priority
- DE 102005002661 A 20050119
- DE 102005060212 A 20051214

Abstract (en)
A pallet (4) has a support saddle (13) formed by two longitudinally spaced U-shaped transverse blocks (14) connecting the longitudinal rails (11) to receive a coil of metal strip. The pallet has two radiant heat shield plates (26,27) fixed between the strips and rails, longitudinally flanking the supports.

IPC 8 full level
B21C 47/24 (2006.01); B21B 39/00 (2006.01); B65G 13/04 (2006.01)

CPC (source: EP KR US)
B21B 39/00 (2013.01 - EP US); B21C 47/24 (2013.01 - EP US); F24C 3/103 (2013.01 - KR)

Citation (search report)
- [A] DE 4121489 A1 19930114 - MANNESMANN AG [DE], et al
- [A] BECKER E-U ET AL: "MODERNISIERUNG DES BUNDTRANSPORTSYSTEMS AN DER WARMBREITBANDSTRASSEDER THYSSEN KRUPP STAHL AG MODERNISATION OF THE COIL TRANSPORT SYSTEM AT THE HOT ROLLED WIDE STRIP MILL OF THYSSEN KRUPP STAHL AG", STAHL UND EISEN, VERLAG STAHLEISEN, DUSSELDORF, DE, vol. 120, no. 1, 19 January 2000 (2000-01-19), pages 39 - 42, XP000954461, ISSN: 0340-4803

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1683588 A1 20060726; EP 1683588 B1 20080227; AR 052462 A1 20070321; AT E387269 T1 20080315; AU 2005248980 A1 20060803; AU 2005248980 B2 20101209; BR PI0600163 A 20060919; BR PI0600163 B1 20170801; CA 2533050 A1 20060719; CA 2533050 C 20130604; CN 1807191 A 20060726; CN 1807191 B 20110309; DE 102005060212 A1 20060727; DE 502006000362 D1 20080410; ES 2301092 T3 20080616; JP 2006198681 A 20060803; JP 4701089 B2 20110615; KR 101210879 B1 20121211; KR 20060084393 A 20060724; MY 141397 A 20100430; PL 1683588 T3 20080731; RU 2006101409 A 20070810; RU 2372264 C2 20091110; SI 1683588 T1 20080831; TW 200642916 A 20061216; TW I348985 B 20110921; US 2006157434 A1 20060720; US 7549529 B2 20090623; ZA 200600455 B 20061227

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EP 06000349 A 20060110; AR P060100198 A 20060119; AT 06000349 T 20060110; AU 2005248980 A 20051230; BR PI0600163 A 20060118; CA 2533050 A 20060117; CN 200610006127 A 20060119; DE 102005060212 A 20051214; DE 502006000362 T 20060110; ES 06000349 T 20060110; JP 2006002587 A 20060110; KR 20060005707 A 20060119; MY PI20060114 A 20060111; PL 06000349 T 20060110; RU 2006101409 A 20060118; SI 200630035 T 20060110; TW 94146940 A 20051228; US 33478406 A 20060118; ZA 200600455 A 20060117