

Title (en)

Pallet like support for transport and storage containers for liquids

Title (de)

Palettenartiges Untergestell für Transport- und Lagerbehälter für Flüssigkeiten

Title (fr)

Support en forme de palette pour le transport et le stockage de récipients pour liquides

Publication

EP 1535858 B1 20070314 (DE)

Application

EP 04027365 A 20041118

Priority

DE 10355421 A 20031127

Abstract (en)

[origin: EP1535858A1] The pallet-like underframe for the storing and transporting of liquid containers has anti-slip support elements (39) fitted on the underside (32) of the bottom (13) of the underframe (12), by which the bottom of the underframe during the transporting of a container lies upon the gripping arms of a transporting means. The manufacturing material of the support elements of the underframe's bottom and the manufacturing material of the gripping arms are matched to one another to achieve the largest possible friction coefficients.

IPC 8 full level

B65D 19/40 (2006.01); **B65D 77/06** (2006.01); **B65D 19/10** (2006.01); **B65D 77/04** (2006.01); **B65D 88/12** (2006.01); **B65D 19/00** (2006.01)

CPC (source: EP US)

B65D 19/10 (2013.01 - EP US); **B65D 77/0466** (2013.01 - EP US); **B65D 2519/00024** (2013.01 - EP US); **B65D 2519/00059** (2013.01 - EP US); **B65D 2519/00164** (2013.01 - EP US); **B65D 2519/00199** (2013.01 - EP US); **B65D 2519/00273** (2013.01 - EP US); **B65D 2519/00288** (2013.01 - EP US); **B65D 2519/00323** (2013.01 - EP US); **B65D 2519/00338** (2013.01 - EP US); **B65D 2519/00407** (2013.01 - EP US); **B65D 2519/00412** (2013.01 - EP US); **B65D 2519/00502** (2013.01 - EP US); **B65D 2519/00512** (2013.01 - EP US); **B65D 2519/00562** (2013.01 - EP US); **B65D 2519/00621** (2013.01 - EP US); **B65D 2519/00666** (2013.01 - EP US); **B65D 2519/00726** (2013.01 - EP US); **B65D 2519/00805** (2013.01 - EP US); **B65D 2519/00835** (2013.01 - EP US); **B65D 2519/0084** (2013.01 - EP US)

Cited by

US2023312170A1

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

DOCDB simple family (publication)

EP 1535858 A1 20050601; **EP 1535858 B1 20070314**; AR 047256 A1 20060111; AT E356760 T1 20070415; AU 2004233500 A1 20050616; AU 2004233500 B2 20071206; BR PI0405289 A 20050719; CN 1323902 C 20070704; CN 1621316 A 20050601; DE 10355421 A1 20050804; DE 502004003200 D1 20070426; DK 1535858 T3 20070723; ES 2280885 T3 20070916; JP 2005154016 A 20050616; JP 4054015 B2 20080227; MX PA04011724 A 20051026; MY 136621 A 20081031; NO 20045085 L 20050530; NO 327940 B1 20091026; PL 1535858 T3 20070831; RU 2004134643 A 20060510; RU 2315701 C2 20080127; US 2005115473 A1 20050602; US 7107912 B2 20060919; ZA 200409372 B 20050713

DOCDB simple family (application)

EP 04027365 A 20041118; AR P040104379 A 20041126; AT 04027365 T 20041118; AU 2004233500 A 20041126; BR PI0405289 A 20041126; CN 200410095640 A 20041126; DE 10355421 A 20031127; DE 502004003200 T 20041118; DK 04027365 T 20041118; ES 04027365 T 20041118; JP 2004341328 A 20041126; MX PA04011724 A 20041125; MY PI20044903 A 20041126; NO 20045085 A 20041123; PL 04027365 T 20041118; RU 2004134643 A 20041126; US 99340004 A 20041119; ZA 200409372 A 20041122