

Title (en)

Plastic pallet with anti-slip coated loading surface

Title (de)

Kunststoffpalette mit gleithemmend beschichteter Beladefläche

Title (fr)

Palette en matière synthétique avec surface de chargement munie d'un revêtement anti-glisse

Publication

EP 1923317 A2 20080521 (DE)

Application

EP 07022139 A 20071114

Priority

DE 102006054358 A 20061117

Abstract (en)

The pallet (1) has a loading surface (2) that is provided on a pallet main surface, where the loading surface is formed as a single piece with a slide-arrestive coating. The slide-arrestive coating is applied by injection molding, where the loading surface has a partially open structure with apertures that are limited by ribs. The loading surface is uniformly distributed, and the coating has a thickness of about 0.5 to 7 millimeters, preferably 1 to 3 millimeters. The coating is made of a thermoplastic elastomer in particular a polypropylene base. Independent claims are also included for the following: (1) a method for manufacturing a plastic pallet (2) an injection molding tool for manufacturing a plastic pallet.

Abstract (de)

Eine Euro-Palette (1) aus Kunststoff, insbesondere zum Bestücken oder Beladen mit Waren oder sonstigem Stückgut, mit einer Beladefläche (2), wobei die Palette in einem Mehrkomponenten-Spritzgußverfahren hergestellt wird, bei dem zuerst eine Basispalette gefertigt wird, deren Beladefläche (2) später mit einer gleithemmenden Schicht versehen wird.

IPC 8 full level

B65D 19/18 (2006.01); **B65D 19/38** (2006.01)

CPC (source: EP)

B65D 19/0012 (2013.01); **B65D 19/38** (2013.01); **B65D 2519/00034** (2013.01); **B65D 2519/00069** (2013.01); **B65D 2519/00268** (2013.01); **B65D 2519/00288** (2013.01); **B65D 2519/00308** (2013.01); **B65D 2519/00318** (2013.01); **B65D 2519/00343** (2013.01); **B65D 2519/00796** (2013.01); **B65D 2519/0084** (2013.01)

Citation (applicant)

- GB 1512450 A 19780601 - MITSUBISHI CHEM IND [JP]
- DE 19522000 C2 19960808 - MUELLER FORMENBAU GMBH [DE]

Cited by

EP2735519A1; DE102013113315A1; WO2015016849A1; US11673712B2; WO2020109495A1

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Designated extension state (EPC)

AL BA HR MK RS

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