

Title (en)

Self-supporting palletizing system and method for tube bundles

Title (de)

Selbsttragende Palettenvorrichtung für Rohrbündel und Verfahren

Title (fr)

Système de palette autoportant pour faisceaux de tuyaux et méthode

Publication

**EP 1577230 A1 20050921 (EN)**

Application

**EP 05075595 A 20050311**

Priority

IT MI20040491 A 20040316

Abstract (en)

A self-supporting and stackable palletizing system or pallet (10) of bundles of tubes, in particular tubes (13) for industrial, electrical, electronic and electro-technical applications comprises a series of tubes (13) packed in self-supporting bundles (12) having a polygonal section and neatly arranged to form a package (15) of tube bundles (12) positioned on a series of supporting beams (16), the pallet (10) also comprising a series of simple beams (17) each situated above the package (15) in correspondence with each supporting beam (16), and flexible means (18) suitable for binding the beams (16, 17) and the package (15) and compressing them to form the pallet (10).

IPC 1-7

**B65D 85/20; B65D 71/00**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [Y] EP 0574970 A2 19931222 - ALUMIX SPA [IT]
- [Y] FR 1460399 A 19660617 - DEUTSCHE STEINZEUG
- [A] GB 764627 A 19561228 - WHEELING STEEL CORP
- [A] DE 10062038 C1 20020508 - PFLEIDERER DAEMMSTOFFTECHNIK [DE]
- [A] US 4565289 A 19860121 - LESUEUR PIERRE [FR]

Designated contracting state (EPC)

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