

Title (en)

AUTOMATIC LOADING APPARATUS FOR NESTABLE PINCH-GRIP HANGERS

Title (de)

AUTOMATISCHE LADEVORRICHTUNG FÜR INEINANDER SCHIEBBARE KLEMMGRIFFKLEIDERBÜGEL

Title (fr)

APPAREIL DE CHARGEMENT AUTOMATIQUE DESTINE A DES CINTRES A PINCE EMBOITABLES

Publication

EP 1485229 A4 20110810 (EN)

Application

EP 03742767 A 20030214

Priority

- US 0304563 W 20030214
- US 7678902 A 20020215
- US 7679002 A 20020215
- US 29212802 A 20021112

Abstract (en)

[origin: WO03070421A1] An apparatus (400) for loading garments on individual pinch-grip hangers (100, 200) from a nest (300, 400) of pinch-grip hangers. The apparatus includes: a hopper (406) for holding the nests of pinch-grip hangers, each of the individual pinch-grip hangers nesting in a stack of similar hangers such that each of the individual pinch-grip hangers interlocks in the stack of similar hangers; a singulation mechanism (416a, 416b) for singulating an individual pinch-grip hanger from the nest of pinch-grip hangers; and a loading mechanism (410) for loading a garment on the singulated individual pinch-grip hanger.

IPC 8 full level

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CPC (source: EP)

A47G 25/1435 (2013.01); **A47G 25/1442** (2013.01); **A47G 25/485** (2013.01)

Citation (search report)

- [XYI] WO 9965371 A1 19991223 - BATTS INC [US]
- [Y] US 4349127 A 19820914 - SAVARD JR HASSEL J
- See references of WO 03070421A1

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

WO 03070421 A1 20030828; AU 2003211080 A1 20030909; CA 2476291 A1 20030828; CA 2476291 C 20110614; CN 100448602 C 20090107; CN 1646256 A 20050727; EP 1485229 A1 20041215; EP 1485229 A4 20110810; EP 1485229 B1 20130515; GB 0418354 D0 20040922; GB 2405399 A 20050302; GB 2405399 B 20050831; HK 1074826 A1 20051125; MX PA04007953 A 20050517; TR 200402305 T2 20050421

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