

Title (en)

Method and device for making packaging units

Title (de)

Verfahren und Vorrichtung zum Herstellen von Gebinde-Packungen

Title (fr)

Procédé et dispositif pour la fabrication d'ensembles d'emballages

Publication

EP 0893349 B1 20001213 (DE)

Application

EP 98112363 A 19980704

Priority

DE 19731509 A 19970722

Abstract (en)

[origin: EP0893349A1] Cigarette cartons (12) are made in a folding process and are packed in an outer carton wrapper assembly as groups, but having unwanted dimensional variations between the group of cartons and the outer wrapper. The individual cartons (12) are repositioned slightly transposed with respect to each other prior to packing in the outer wrapper. The transposition is affected by a T-bar with projecting surfaces and recesses.

IPC 1-7

B65B 35/40; **B65D 85/10**

IPC 8 full level

B65B 5/06 (2006.01); **B65B 11/38** (2006.01); **B65B 19/02** (2006.01); **B65B 35/40** (2006.01); **B65D 85/10** (2006.01)

CPC (source: EP KR US)

B65B 19/14 (2013.01 - KR); **B65B 19/245** (2013.01 - KR); **B65B 35/40** (2013.01 - EP US); **B65D 85/1072** (2013.01 - EP US)

Cited by

EP1842774A1; US7458196B2; WO2012163455A1; WO2007014917A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0893349 A1 19990127; **EP 0893349 B1 20001213**; BR 9802548 A 19991026; CN 1127424 C 20031112; CN 1205939 A 19990127; DE 19731509 A1 19990128; DE 59800383 D1 20010118; ES 2152730 T3 20010201; JP 3056715 B2 20000626; JP H11115911 A 19990427; KR 19990014067 A 19990225; US 6164041 A 20001226

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EP 98112363 A 19980704; BR 9802548 A 19980722; CN 98116136 A 19980721; DE 19731509 A 19970722; DE 59800383 T 19980704; ES 98112363 T 19980704; JP 20684698 A 19980722; KR 19980029451 A 19980722; US 11486898 A 19980714