

Title (en)
Distribution line for flat objects

Title (de)
Verteilfachstrecke für flache Sendungen

Title (fr)
Voie de distribution pour objets plats

Publication
EP 0743269 A3 19971112 (DE)

Application
EP 96107644 A 19960514

Priority
DE 19518442 A 19950519

Abstract (en)
[origin: EP0743269A2] The distribution path has several stacking containers arranged in sequence, to which the individual items (15) are fed via separately associated deflectors (3). The items are fed to the wall (12) of the stack within the stacking containers via a guide plate (4) and a stacking roller (1) to form a stack of items. A device in each container compresses the stack until shortly before the entry of the next item to be stacked. The stack roller compresses the stack and is moved away by a lever (7) shortly before the next item enters, enabling it to be fed into the gap between the stack, the roller and the stack wall.

IPC 1-7
B65H 1/00; **B65H 29/42**; **G06K 13/12**

IPC 8 full level
B07C 3/06 (2006.01); **B65H 29/14** (2006.01); **B65H 29/22** (2006.01); **B65H 29/42** (2006.01); **B65H 31/06** (2006.01); **B65H 31/24** (2006.01); **B65H 39/115** (2006.01); **G06K 13/12** (2006.01)

CPC (source: EP US)
B07C 3/065 (2013.01 - EP US); **B65H 31/06** (2013.01 - EP US); **B65H 39/115** (2013.01 - EP US); **B65H 2301/4214** (2013.01 - EP US); **B65H 2701/1916** (2013.01 - EP US)

Citation (search report)

- [YD] EP 0143818 B1 19870408
- [Y] US 4019730 A 19770426 - STAUDINGER FREDERICK J, et al
- [A] GB 2271763 A 19940427 - INTER INNOVATION AB [SE]
- [A] FR 2561632 A1 19850927 - HOTCHKISS BRANDT SOGEME [FR]

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WO2005087640A1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0743269 A2 19961120; **EP 0743269 A3 19971112**; **EP 0743269 B1 19981125**; DE 19518442 A1 19961121; DE 59600855 D1 19990107; JP 3816578 B2 20060830; JP H09104558 A 19970422; US 5765827 A 19980616

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EP 96107644 A 19960514; DE 19518442 A 19950519; DE 59600855 T 19960514; JP 11659096 A 19960510; US 65051896 A 19960520