

Title (en)

Collecting device for flat goods, particularly cards.

Title (de)

Vorrichtung zum Zusammenstellen flacher Gegenstände, insbesondere von Karten.

Title (fr)

Dispositif pour rassembler des articles plats, en particulier des cartes.

Publication

**EP 0010566 A1 19800514 (EN)**

Application

**EP 79100741 A 19790312**

Priority

BE 191511 A 19781103

Abstract (en)

On the end of each suction belt (2) are mounted three collecting members (9) standing on an intermittently-rotating shaft (10) and which are comprised of two L-shaped fingers (13). During the collecting the arm (14) of the fingers (13) forms of stop while the arm (15) causes the cards fed to tilt on the end of the suction belt (2). The cards (3) thus collated are pushed due to the revolution of the members (9) by the walls (21) of boxes mounted on a conveyor (17). Moving fingers (27) collate the packages collected in adjacent box rows.

IPC 1-7

**B65H 39/00**

IPC 8 full level

**B65H 29/40** (2006.01); **B65H 39/065** (2006.01)

CPC (source: EP)

**B65H 29/40** (2013.01); **B65H 31/3081** (2013.01); **B65H 39/065** (2013.01); **B65H 2301/42172** (2013.01); **B65H 2404/653** (2013.01); **B65H 2404/732** (2013.01); **B65H 2404/733** (2013.01); **B65H 2405/1115** (2013.01); **B65H 2701/1914** (2013.01)

Citation (search report)

- US 1861406 A 19320531 - THOMAS COOK
- US 3088604 A 19630507 - BERTIL NILSSON HERMAN
- US 3278179 A 19661011 - HENDRIK HARTEL PIETER
- US 2879991 A 19590331 - PITNER JOHN L

Designated contracting state (EPC)

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**EP 0010566 A1 19800514**; **EP 0010566 B1 19821229**; AT 373845 B 19840227; AT A703279 A 19830715; BR 7907137 A 19800715; CA 1137128 A 19821207; DD 147088 A5 19810318; DE 2964398 D1 19830203; DK 464979 A 19800504; FI 66577 B 19840731; FI 66577 C 19841112; FI 793391 A 19800504; GR 73599 B 19840326; HK 5285 A 19850125; HU 182908 B 19840328; IE 48862 B1 19850529; IE 792079 L 19800503; NO 147790 B 19830307; NO 147790 C 19830615; NO 793533 L 19800506; PT 70403 A 19791201

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**EP 79100741 A 19790312**; AT 703279 A 19791031; BR 7907137 A 19791101; CA 340750 A 19791102; DD 21668379 A 19791105; DE 2964398 T 19790312; DK 464979 A 19791102; FI 793391 A 19791030; GR 790160386 A 19791101; HK 5285 A 19850117; HU MU000623 A 19791101; IE 207979 A 19791030; NO 793533 A 19791102; PT 7040379 A 19791102