

Title (en)
Carton filling apparatus

Title (de)
Vorrichtung zum Befüllen von Kartons

Title (fr)
Dispositif de remplissage de cartons

Publication
EP 0852202 A3 19990414 (DE)

Application
EP 97122887 A 19971224

Priority
DE 19700150 A 19970106

Abstract (en)
[origin: CA2226034A1] For the transportation of articles or of groups of articles between a fixed, predetermined receiving position (20) and a likewise predetermined, fixed set-down position (19), in particular within a folding carton (11) which is open at the top, use is made of a lifting conveyor (21) which transports a lifting head (18) back and forth exclusively along a predetermined movement path. The movement path comprises two upright legs, namely in the set-down position (19), on the one hand and, on the other hand, in the receiving position (20), and a top, horizontal conveying section.
[origin: CA2226034A1] For the transportation of articles or of groups of articles between a fixed, predetermined receiving position (20) and a likewise predetermined, fixed set-down position (19), in particular within a folding carton (11) which is open at the top, use is made of a lifting conveyor (21) which transports a lifting head (18) back and forth exclusively along a predetermined movement path. The movement path comprises two upright legs, namely in the set-down position (19), on the one hand and, on the other hand, in the receiving position (20), and a top, horizontal conveying section.

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B65B 35/16

IPC 8 full level
B65B 35/36 (2006.01); **B65B 35/16** (2006.01); **B65B 35/18** (2006.01); **B65G 47/90** (2006.01)

CPC (source: EP US)
B65B 35/16 (2013.01 - EP US)

Citation (search report)

- [X] EP 0116376 A1 19840822 - SCHEER HOLDING [NL]
- [X] GB 2066197 A 19810708 - VOLVO AB
- [X] EP 0028762 A1 19810520 - STAUDACHER HORST
- [X] DE 2935045 A1 19810312 - STEINLE MASCHF
- [XA] DE 2037798 A1 19720713

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0852202 A2 19980708; EP 0852202 A3 19990414; EP 0852202 B1 20040303; BR 9800230 A 19990608; CA 2226034 A1 19980706; CA 2226034 C 20010529; CN 1147411 C 20040428; CN 1187446 A 19980715; DE 19700150 A1 19980709; DE 59711371 D1 20040408; ES 2216105 T3 20041016; JP 2966386 B2 19991025; JP H10264907 A 19981006; US 6006493 A 19991228

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EP 97122887 A 19971224; BR 9800230 A 19980106; CA 2226034 A 19971231; CN 98103922 A 19980105; DE 19700150 A 19970106; DE 59711371 T 19971224; ES 97122887 T 19971224; JP 67698 A 19980106; US 99769397 A 19971223