

Title (en)
Carton supply assembly

Title (de)
Kartonförderanlage

Title (fr)
Ensemble d'alimentation de cartons

Publication
EP 2314527 A1 20110427 (EN)

Application
EP 09425416 A 20091022

Priority
EP 09425416 A 20091022

Abstract (en)
A supply assembly (1) for cartons (A), of the type that comprises a fixed frame (2) provided with at least one lateral containment wall (3) for the cartons (A) that have not yet been formed, at least one conveyor (4) arranged above the frame (2) and associated with at least one respective motor (5), and suitable means (6) for blocking the leading carton (A), at the end edge of the conveyor (4), for the subsequent pickup of the leading carton (A). The side walls (3) are two, face each other and are mutually opposite at a mutual distance that can be adjusted, as a function of the length of the cartons (A) that have not yet been formed, by means of specific control devices (7). The conveyor (4) comprises separating partitions (8) which form, together with the two side walls (3), containment pockets (9) for a preset number of cartons (A) that have not yet been formed.

IPC 8 full level
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CPC (source: EP)
B65B 43/126 (2013.01); **B65H 1/025** (2013.01); **B65H 31/309** (2013.01); **B65H 2301/42268** (2013.01); **B65H 2404/2321** (2013.01); **B65H 2511/12** (2013.01); **B65H 2511/22** (2013.01); **B65H 2701/1766** (2013.01)

Citation (applicant)
WO 2007084261 A2 20070726 - MEADWESTVACO PACKAGING SYSTEMS [US], et al

Citation (search report)
• [Y] WO 2007084261 A2 20070726 - MEADWESTVACO PACKAGING SYSTEMS [US], et al
• [Y] JP S5440791 A 19790330 - TOKYO SHIBAURA ELECTRIC CO
• [Y] US 5310043 A 19940510 - ALCORN WILLIAM J [US]
• [A] DE 906887 C 19540318 - CLAUS KOENIG
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CN110092051A; DE102013101808B4; JP2020100420A

Designated contracting state (EPC)
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Designated extension state (EPC)
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