

Title (en)

MACHINE FOR SETTING UP, HOLDING AND TRANSFERRING CARDBOARD PACKING BOXES

Publication

EP 0122174 B1 19861203 (FR)

Application

EP 84400466 A 19840308

Priority

FR 8303867 A 19830309

Abstract (en)

[origin: EP0122174A1] 1. A machine for assembling packaging bodies of cardboard or the like, of the type comprising a magazine (12) in which the packaging bodies (10) are arranged in a pile in the flattened state, a suction extraction system (14) intended successively to extract the packaging bodies at the lower part of the magazine, a first chain-conveyor (26) arranged under the magazine and equipped with drive means (50) spaced out at regular intervals along the conveyor, and a second chain-conveyor (28) arranged parallel to the first conveyor and whose upper portions are situated between and in the same plane as those of the first conveyor and are fitted with stops (86) separated by uniform intervals (d) equal to those which exist between the drive members (50) of the first conveyor (26), the chains of the first and second conveyors rolling at their downstream end around sprocket wheels (38a, 38b and 62a, 62b) carried by a common drive shaft (38c) driven step-by-step by a motor (42), said sprocket wheels being manually adjustable so that the space (1) between each drive member (50) of the first conveyor and the stop (86) of the second conveyor which immediately precedes this drive member (50) in the direction of travel of the first and second conveyors (26, 28) is equal to the length of the lower panel (18b) of the packaging body, characterized in that the motor (42) is driven step-by-step by a photo-electric cell (21) capable of stopping the motor each time a drive member (50) is positioned approximately in the vertical plane defined by the rear transverse wall (22a, 22b) of the magazine.

IPC 1-7

B65B 43/32; B31B 1/78; B65G 43/00

IPC 8 full level

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CPC (source: EP)

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Cited by

CN113696538A; CN106395004A; DE4314632A1

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EP 0122174 A1 19841017; **EP 0122174 B1 19861203**; AT E23972 T1 19861215; DE 3461519 D1 19870115; ES 530460 A0 19841101; ES 8500842 A1 19841101; FR 2542282 A1 19840914; FR 2542282 B1 19850816; PT 78204 A 19840401; PT 78204 B 19860423

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