

Title (en)
DEVICE FOR STACKING FOLDING BOXES COMING OUT OF A FOLDING BOX GLUEING MACHINE

Publication
EP 0030672 B1 19831228 (DE)

Application
EP 80107510 A 19801202

Priority
DE 2949896 A 19791212

Abstract (en)
[origin: EP0030672A1] 1. Appliance for stacking foldable cardboard boxes (F) which are coming, folded flat, from a machine for folding and glueing foldable cardboard boxes, this appliance possessing drawing-in belts (2, 3), which take hold of the foldable boxes at the upper and lower surfaces, and which move at a speed exceeding the transporting speed of the glueing machine, the front reversing-roller (4a) of at least one pull-in belt (4) being located, in the transport direction behind and above the lower drawing-in belt (2), and below the stack which is forming this pulling belt (4) pulling each foldable box (F), as it arrives, up to a stop (5, 6) below a stack which is in the process of formation, and which, once completed, is guided onwards by means of at least one stack-forwarding element (11), characterized in that the front corners of the foldable cardboard boxes (F) rest against stop-angle (5) which are located at the sides, in that the stop-angles (5) can, once a stack has been completed, be moved out of the holding position, and the stack-forwarding elements (11) feed the stack to a pair of transporting and pressing belts (12, 13) and in that a single stop (6) is located beneath each stop-angle (5), in order to stop each foldable box (F) as it arrives, this stop (6) being capable of being moved, at the beginning of the stack-transfer operation, from its blocking position, independently of the stop-angle (5), and of being moved back into its blocking position immediately after the front edge of the stack has been transferred onto the transporting and pressing belts (12, 13).

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IPC 8 full level
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CPC (source: EP)
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Cited by
FR2651461A1; GB2182645A; GB2182645B; CN111115332A

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