

Title (en)  
MACHINE FOR STACKING AND PACKING FLAT ARTICLES

Publication  
**EP 0059840 B1 19850508 (DE)**

Application  
**EP 82100782 A 19820204**

Priority  
DE 3106300 A 19810220

Abstract (en)  
[origin: EP0059840A2] 1. Apparatus for stacking and packing flat articles (22), especially flat packages, into a collecting container having an endless, stepwise circulating conveyor arrangement (12, 14) including a straight conveyor section (20) divided into a plurality of cells (18, 18') by substantially perpendicular, spaced attached walls (30), a feed arrangement (24) laying the articles flat in the cells (18) of the conveyor arrangement (12, 14) and stacking them in groups one on top of another, and a pusher device (26) associated with the straight conveyor section (20), movable between the parallelly aligned cells (18, 18') transversely to their direction of motion and extending over a plurality of cells to push the articles in groups into the collecting container, characterised in that the conveyor arrangement includes two substantially perpendicular oppositely circulating endless conveyors (12, 14) spaced one from the other, that the spaced walls (30) of the two endless conveyors (12, 14), in the region where they face each other moving vertically downwardly, together with the links (32) that form the straight conveyor section vertical conveyor section (20) make up in pairs a cell floor, and that the feed arrangement (24) opens into the uppermost cell (18) of the straight conveyor section (20) in the region between the upper pulley positions of the two endless conveyors (12, 14).

IPC 1-7  
**B65B 5/06**; **B65B 35/44**

IPC 8 full level  
**B65B 5/06** (2006.01); **B65B 35/40** (2006.01); **B65B 35/44** (2006.01); **B65B 35/50** (2006.01); **B65H 29/18** (2006.01); **B65H 31/30** (2006.01)

CPC (source: EP)  
**B65B 35/40** (2013.01); **B65B 35/50** (2013.01); **B65H 29/18** (2013.01); **B65H 31/3063** (2013.01); **B65H 31/3081** (2013.01);  
**B65H 2301/42266** (2013.01)

Cited by  
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EP3492408A1; EP2623424A1; DE102012002019A1; EP0488794B1

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