

Title (en)

Device for forming groups of articles in cartoning machines and the like

Title (de)

Vorrichtung zum Bilden von Gruppen von Gegenständen in Kartoniermaschinen oder dergleichen

Title (fr)

Dispositif pour la formation de groupes d'objets dans des machines encartonneuses ou similaires

Publication

EP 0734949 A1 19961002 (EN)

Application

EP 96830172 A 19960329

Priority

IT BO950141 A 19950330

Abstract (en)

A device that builds up regular groups (20) of articles (2) includes gripping means (7) for picking up a row of articles (2) fed along a conveyor (5), in the region of a pick-up station (4). A robotic unit (15) controls the movement of the gripping means (7), along two perpendicular axes, and on a vertical plane transversal to the conveyor (5), so as to transfer the row of articles (2) picked up into a grouping frame (21) located in a station (10) where a regular group (20) of articles (2) is built up. A pushers (27) and the grouping frame (21) together delimit a space where a regular group is built up by subsequent placements of rows of articles (2). <IMAGE>

IPC 1-7

B65B 5/06; **B65B 35/38**; **B65B 35/40**

IPC 8 full level

B65B 5/06 (2006.01); **B65B 35/38** (2006.01); **B65B 35/40** (2006.01)

CPC (source: EP)

B65B 5/06 (2013.01); **B65B 35/38** (2013.01); **B65B 35/40** (2013.01)

Citation (search report)

- [A] WO 9505312 A1 19950223 - PRAKKEN BOUWE [NL]
- [A] EP 0036398 A1 19810923 - BSP PACKAGING SYSTEM [IT]

Cited by

CN104192353A; ITBO20120558A1; DE102006021979A1; CN102958809A; CN109823609A; ES2174701A1; CN103332313A; WO0043269A1; JP2013249175A

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