

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 B1 19990602 (EN)**

Application

**EP 96830172 A 19960329**

Priority

IT BO950141 A 19950330

Abstract (en)

[origin: EP0734949A1] 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)

Cited by

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

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**EP 0734949 A1 19961002**; **EP 0734949 B1 19990602**; DE 69602664 D1 19990708; DE 69602664 T2 19991202; ES 2131922 T3 19990801; IT 1282476 B1 19980323; IT BO950141 A0 19950330; IT BO950141 A1 19960930

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