

Title (en)
PACKAGING MACHINE

Title (de)
VERPACKUNGSMASCHINE

Title (fr)
MACHINE D'EMBALLAGE

Publication
EP 2483157 B1 20150909 (EN)

Application
EP 10763542 A 20100927

Priority
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• US 2010050354 W 20100927

Abstract (en)
[origin: WO2011038323A2] A packaging machine (10) for packaging articles (A) within a carton (C) to form a secondary package and within a tertiary package comprising a first conveyor (16; 116; 316) conveying articles (A) coupled to a filling apparatus (11), a second conveyor (19) conveying carton blanks (B) and being disposed above first conveyor (16; 116; 316), a third conveyor (30a, 30b; 130a, 130b; 330a, 330b) disposed adjacent the first conveyor (16; 116; 316) in partially overlapping relationship with the first conveyor (16; 116; 316), a first transfer mechanism (18) for transferring carton blanks (B) onto the third conveyor (30a, 30b; 130a, 130b; 330a, 330b) either directly or via a fourth conveyor (130c, 130d), the carton blanks (B) are partially assembled on the third conveyor (30a, 30b; 130a, 130b; 330a, 330b), a second transfer mechanism (24) for engaging articles (A) on first conveyor (16; 116; 316) and placing them into the carton blanks (B) which are assembled into a secondary package, a fifth conveyor (47; 147; 347) for conveying second cartons (T) adjacent to said third conveyor (30a, 30b; 130a, 130b; 330a, 330b) and in partially overlapping relationship therewith and a third transfer mechanism (32) for loading the secondary packages into the second cartons (T) to form tertiary packages.

IPC 8 full level
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Cited by
CN104960709A; US10414528B2; US11814199B2

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