

Title (en)

Apparatus for packaging articles and method for same

Title (de)

Vorrichtung zum Verpacken von Artikeln und Verfahren dafür

Title (fr)

Appareil pour le conditionnement d'articles et procédé correspondant

Publication

**EP 2184233 A2 20100512 (EN)**

Application

**EP 09175450 A 20091109**

Priority

GB 0820388 A 20081107

Abstract (en)

An apparatus for transferring articles (A) initially conveyed in an infeed stream (5) into cartons (C) conveyed in an outfeed stream (11), which apparatus (2) comprises first conveyor (4), a second conveyor (6) and a third conveyor (8), a first transfer means (9) and a second transfer means (14), the first conveyor (4) being operable to convey the infeed stream (5) comprising articles (A) disposed in a first arrangement, the first transfer means (9) being operable to engage and transfer selected articles from the infeed stream (5) onto the second conveyor (6) to form a second stream (13) comprising articles (A) disposed in a second arrangement, the second transfer means (14) being operable to transfer articles (A) disposed in said second arrangement into one or more of said cartons (C) conveyed by said third conveyor (8) at a second transfer rate, said second transfer rate being faster than a first transfer rate at which the second transfer means would otherwise be operable to transfer articles disposed in said first arrangement directly into said one or more of said cartons (C).

IPC 8 full level

**B65B 5/06** (2006.01); **B65B 5/10** (2006.01); **B65B 5/12** (2006.01); **B65B 7/28** (2006.01); **B65B 35/16** (2006.01); **B65B 35/24** (2006.01); **B65B 35/44** (2006.01); **B65B 35/56** (2006.01)

CPC (source: EP)

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Cited by

EP2586712A1; ITBO20130519A1; IT202000015958A1; DE102012205688A1; CN107444694A; EP3235740A1; LU93031B1; CN105253342A; CN108639433A; CN102627152A; EP2669202A1; US9908646B2; US8905222B2; JP2016013867A; DE102016214162A1; EP3010810B1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA RS

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