

Title (en)
An apparatus for boxing bottles

Title (de)
Vorrichtung zum Abpacken von Flaschen in Kartons

Title (fr)
Dispositif pour encaisser des bouteilles

Publication
EP 1533234 B1 20060816 (EN)

Application
EP 03425703 A 20031030

Priority
EP 03425703 A 20031030

Abstract (en)
[origin: EP1533234A1] An apparatus for boxing bottles (4), comprising at least a support structure (2); feeding means (6) for feeding a plurality of bottles (4) in upright position to a boxing station (5), at least an insertion head (12) movable cyclically between a position for picking up bottles (4) and a position for releasing bottles (4): The head supports at least first boxing means (11) for picking up from supply means (6) one or more upright bottles (4) and insert them into a box (3) in upside down position, alternating with upright bottles (4) already inserted into the box (3) itself. Said first boxing means (11) have at least a gripping organ (22) which is able to move, relative to the head (12), from a pick-up position in which it can pick up an upright bottle (4) in proximity to a bottom thereof, to a release position in which it is upside down relative to the pick-up position and in which it can let said bottle (4) fall upside down into the box. Said gripping organ (22) is in pick-up position when the head (12) is in the pick-up position and in release position when the head (12) is in the release position. <IMAGE>

IPC 8 full level
B65B 21/02 (2006.01)

CPC (source: EP)
B65B 21/025 (2013.01)

Cited by
ITBO20100174A1; FR2911849A1; DE102017120133A1; EP3626634A1; CN110920966A; EP3626634B1

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