

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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