

Title (en)

Apparatus for transferring bottles from a crate towards a conveyor.

Title (de)

Vorrichtung zum Umsetzen von Flaschen aus einem Flaschenkasten auf eine Förderanlage.

Title (fr)

Dispositif pour transférer des bouteilles d'une caisse vers un convoyeur.

Publication

EP 0469676 A2 19920205 (EN)

Application

EP 91201951 A 19910726

Priority

NL 9001702 A 19900727

Abstract (en)

Apparatus for transferring bottles (7) provided with an extending collar from a crate (6) towards a conveyor (10) engaging the neck of each bottle, comprising lifting means (11) engaging the lower side of the bottles and being movable upward and downward relative to the crate. Preferably, the lifting means comprise pins movable upward through the bottom of the crate or the radial projections (19) of a wheel (18) positioned vertically.
<IMAGE>

IPC 1-7

B65B 21/12

IPC 8 full level

B65B 21/12 (2006.01)

CPC (source: EP)

B65B 21/12 (2013.01)

Cited by

US6094810A; CN1096894C; WO9720646A1

Designated contracting state (EPC)

BE DE ES FR GB IT LU NL

DOCDB simple family (publication)

EP 0469676 A2 19920205; EP 0469676 A3 19920429; EP 0469676 B1 19950215; DE 69107368 D1 19950323; DE 69107368 T2 19951005; NL 9001702 A 19920217

DOCDB simple family (application)

EP 91201951 A 19910726; DE 69107368 T 19910726; NL 9001702 A 19900727