

Title (en)

Removal device with several individually steerable grippers for removing wrong bottles out of a first tray conveyed on a first conveyor

Title (de)

Entnahmeverrichtung mit mehreren einzeln ansteuerbaren Greifern zum Aussortieren von Fehlflaschen aus einem ersten auf einer ersten Kastenbahn geförderten Flaschenkasten

Title (fr)

Dispositif d'enlèvement avec plusieurs pinces commandées individuellement, pour enlever des bouteilles comportant un défaut d'une première caisse transportée sur un premier convoyeur

Publication

EP 1407834 B1 20070509 (DE)

Application

EP 03020740 A 20030912

Priority

DE 10244804 A 20020926

Abstract (en)

[origin: EP1407834A2] The sorting method has unacceptable bottles removed from a bottle crate (10) fed along a first feed path (1) and deposited in at least one further bottle crate (20,30,40) fed along a further feed path (2,3,4). The original bottle crate remains on the first feed path after passing the bottle removal point and the bottles in the crate receiving the removed bottles may be subjected to a further sorting process. An Independent claim for a bottle removal device for bottle sorting is also included.

IPC 8 full level

B07C 5/12 (2006.01); **B07C 5/34** (2006.01)

CPC (source: EP)

B07C 5/122 (2013.01)

Cited by

EP1445038A3; CN113843151A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1407834 A2 20040414; EP 1407834 A3 20050713; EP 1407834 B1 20070509; AT E361791 T1 20070615; DE 10244804 B3 20040115; DE 10244804 C5 20080221; DE 50307223 D1 20070621

DOCDB simple family (application)

EP 03020740 A 20030912; AT 03020740 T 20030912; DE 10244804 A 20020926; DE 50307223 T 20030912