Title (en)
Automatic empty bottle reclamation

Title (de)
Rücknahmeautomat für Leergut

Title (fr)
Automate de reprise pour bouteilles consignées

Publication
**EP 2083401 A1 20090729 (DE)**

Application
**EP 08021778 A 20081216**

Priority
DE 102008004479 A 20080116

Abstract (en)
The device has an inclined plane (1) for connecting a higher level with a lower level. An optical identification device (2) is arranged above the inclined plane. Length of the inclined plane is greater than or equal to product of 3.15 and preset maximal diameter of a circular empty container (5) that is received in a reverse vending machine. Width of the inclined plane is greater than or equal to maximal height of the container. The plane has an inclination angle in the range of 10 to 70 degrees. A conveyor belt (3) is arranged on the plane at the higher level, in a transport direction.

Abstract (de)
Es wird eine Vorrichtung zur Erfassung von Erkennungsmerkmalen von Leergutbehältern in Leergut-Rücknahmeautomaten vorgeschlagen mit einer schiefen Ebene (1), welche ein höheres Niveau mit einem niederen Niveau verbindet und mit mindestens einer oberhalb der schiefen Ebene (1) angeordneten, optischen Erkennungseinrichtung (2).

IPC 8 full level
**G07F 7/06** (2006.01)

CPC (source: EP)
**G07F 7/0609** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
**EP 2083401 A1 20090729**; DE 102008004479 A1 20090723

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**EP 08021778 A 20081216**; DE 102008004479 A 20080116