

Title (en)

Device and method for identifying empty bottles

Title (de)

Vorrichtung und Verfahren zur Identifizierung von Leergut

Title (fr)

Dispositif et procédé d'identification de bouteilles consignées

Publication

EP 2269747 B1 20120418 (DE)

Application

EP 09164347 A 20090701

Priority

EP 09164347 A 20090701

Abstract (en)

[origin: EP2269747A1] The device (1) has a light source (1.1) for sending light (L), and an optical unit (1.2) provided for diverting and reflecting the light. A transport device (3) is positioned in a predetermined position between two reflectors (1.2.1, 1.2.2) of the optical unit, where one of the reflectors is formed from a painted metal plate. A camera (1.3) records the reflected light. The optical unit is arranged such that the empty bottles are supplied with the light transmitted from the light source in two directions (Z, -Z). An independent claim is also included for a method for identifying empty bottles.

IPC 8 full level

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CPC (source: EP)

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Cited by

CN103198312A; DE102014217771A1; CN105234521A; CN105234567A; US10491788B2; DE102014217771B4; EP3797884A1; DE102019214524B4

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