

Title (en)

Ball sorting machine, and interchangeable module for such machine

Title (de)

Kugelklassiervorrichtung und wechselbares Modul für solch einer Vorrichtung

Title (fr)

Dispositif pour classier des billes et module interchangeable pour un tel dispositif

Publication

EP 1797968 A1 20070620 (EN)

Application

EP 05425886 A 20051214

Priority

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Abstract (en)

A ball (2) sorting machine (1) is provided with a supporting plane (17) on which a flow of balls advances, in use, in a longitudinal advancement direction (A); the supporting plane has, along said longitudinal direction of advancement (A), a sequence of openings (29), which let the balls (2) fall, extend transversally and for the entire length of the supporting plane (17) and have a calibrated width for sorting the diameter of the balls to let fall; such calibrated width increases from one opening to the next, while the machine (1) is provided with movable members (47) to make the larger diameter balls, which have stopped between the lips (30) of the openings (29), advance in the longitudinal direction of advancement (A).

IPC 8 full level

B07B 13/07 (2006.01)

CPC (source: EP)

B07B 13/07 (2013.01)

Citation (search report)

- [XY] US 3455446 A 19690715 - BEAZLEY EDWARD H
- [Y] US 3797659 A 19740319 - KAUFFMAN J
- [A] US 4172527 A 19791030 - BOST JOHN R [US]

Cited by

CN106903054A; CN104801022A

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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