

Title (en)

Chute for sorting apparatus and sorting apparatus provided with such a chute

Title (de)

Rutsche für eine Sortiervorrichtung und Sortiervorrichtung mit einer solchen Rutsche

Title (fr)

Goulotte pour appareil de tri et appareil de tri pourvu d'une telle goulotte

Publication

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Application

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- EP 05447112 A 20050517
- EP 05447239 A 20051026
- EP 10183440 A 20060516

Abstract (en)

The present invention is related to an apparatus for sorting products, in particular granular products (1) such as raisins, blueberries but also pellets e.g. plastic pellets. The sorting apparatus comprises a supply system (3), a detecting system (6), a selecting system (8) and a chute (P). The invention is also related to the chute as such. The chute (P) comprises a first guiding element (P 1) having a concave surface for guiding the stream of products (1) moving under influence of gravity towards the detecting system (6) and the selecting system (8). Optionally the chute (P) comprises a second guiding element (P 2) having a surface which is convex at least over a certain distance along the movement of the stream of products, such that products (1) which are propelled by the first guiding element (P 1) and received by the second guiding element (P 2) are redirected in an essentially vertical downward direction. The detection system (6) will inspect the products (1) when moving in a substantially vertical direction.

IPC 8 full level

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CPC (source: EP)

B07C 5/366 (2013.01)

Citation (applicant)

- EP 0952895 A1 19991103 - RUYMEN MARC [BE]
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Citation (search report)

- [A] EP 0952895 A1 19991103 - RUYMEN MARC [BE]
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