

Title (en)

Apparatus and method for inspecting and sorting a stream of products

Title (de)

Vorrichtung und Verfahren zur Prüfung und Sortierung eines Produktstroms

Title (fr)

Appareil et procédé d'inspection et de tri d'un flux de produits

Publication

EP 2671651 A1 20131211 (EN)

Application

EP 13170983 A 20130607

Priority

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Abstract (en)

The invention concerns an apparatus (14) for sorting a stream of products (2, 3), comprising a supply system (1) for supplying the stream of products (2,3) to a scanning zone (28), a background element (5) positioned behind the scanning zone (28), at least one inspection unit (9,10) consisting of a scanning unit (43) for illuminating the product stream along the entire width W of the stream of products, and a camera (44) for capturing a zone of light returned by the products (2,3), the apparatus further comprising a reject system (11), the apparatus being characterized in that said background element (5) consists of means to capture incident light (34) and to direct it to detector means (40,40') that is configured to convert said light into an electric signal (39). The invention equally concerns a method for sorting a stream of products (2,3).

IPC 8 full level

B07C 5/342 (2006.01)

CPC (source: EP)

B07C 5/3425 (2013.01)

Citation (applicant)

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