

Title (en)
Food product selector

Title (de)
Vorrichtung zum Sortieren von Nahrungsmittel

Title (fr)
Appareil pour trier des produits alimentaires

Publication
EP 1911531 A3 20110504 (EN)

Application
EP 07380272 A 20071009

Priority
ES 200602192 U 20061009

Abstract (en)
[origin: EP1911531A2] This invention is a food product selector that selects on the basis of the size of the product, especially devised for selecting such products as frozen or fresh bivalve molluscs, frozen food, etc., characterised by the fact that it is composed of a bed (1) on which a series of shafts (2) are arranged lengthwise, all of which are jointly motorised, each one of which is equipped with a series of rollers (3) that all have a helicoidal hole, with the particularity that inside each shaft the size of the respective rollers (3) become progressively larger from one end of the selector to the other, in such a way that the rollers (3) with the smallest holes lie closest to the selector loading zone so that the smallest products can drop through these smaller holes, whereas the rest of the products are conveyed towards the rollers (3) whose hole size is slightly larger, and so on and so forth, the biggest holes lying at the other end.

IPC 8 full level
B07B 1/15 (2006.01); **B07B 13/07** (2006.01)

CPC (source: EP)
B07B 1/15 (2013.01); **B07B 13/07** (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 HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

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AL BA HR MK RS

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DOCDB simple family (application)
EP 07380272 A 20071009; CL 2007002901 U 20071008; ES 200602192 U 20061009