

Title (en)
Cutlery sorting machine

Title (de)
Bestecksortiermaschine

Title (fr)
Machine de tri de couverts

Publication
EP 2602029 B1 20141119 (DE)

Application
EP 12007021 A 20121010

Priority
DE 102011120650 A 20111209

Abstract (en)
[origin: EP2602029A1] The cutlery sorter (10) has a cutlery intake (20) that introduces amount of unsorted cutlery. A sort device (21) isolates the sticking on cutlery. A conveying device (23) pre-feeds the isolated items of cutlery on a type detection unit (24) for detecting a respective cutlery type of a piece of cutlery. The sort device is provided with a vibratory feeder (50) that includes a vibration conveying channel in which cutlery is conveyed with vibrations. A vibration drive is coupled with the vibration conveying channel, for creating vibrations in the vibration conveying channel.

IPC 8 full level
B07C 5/02 (2006.01); **B07C 99/00** (2009.01)

CPC (source: EP)
B07C 5/02 (2013.01); **B07C 99/00** (2022.08)

Cited by
CN109107926A; CN107767551A; CN109157023A; CN113636148A; BE1025794B1; CN112006634A; CN109550584A; DE102020208119A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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