

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

DOCDB simple family (publication)  
**EP 2602029 A1 20130612; EP 2602029 B1 20141119; DE 102011120650 A1 20130613**

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