

Title (en)  
Plastic objects sorting machine

Title (de)  
Vorrichtung zum Sortieren von Plastikgegenständen

Title (fr)  
Machine de tri d'objets en plastique

Publication  
**EP 0734790 B1 20001220 (FR)**

Application  
**EP 96400652 A 19960327**

Priority  
FR 9503924 A 19950330

Abstract (en)  
[origin: EP0734790A1] The sorter consists of a centrifugal separator in two sections - a chamber (2) which is spherical, truncated conical or trunco-spherical in shape, surrounded by a first horizontal peripheral track (3) with an outer rim (5) which has a gap in it, and a second, or sorting, track (8) round the outside of the first. The chamber (2) has a raised centre and is rotated about an axis inclined at 5-30 degrees to the vertical. The articles being sorted, e.g. bottle made from glass or plastics, such as PVC, PET, polyethylene or polypropylene, are scanned by sensors (7) and ejected, e.g. by blowers (10) into different containers.

IPC 1-7  
**B07C 5/36; B07C 5/34**

IPC 8 full level  
**B07B 7/083** (2006.01); **B07B 9/02** (2006.01); **B07C 5/34** (2006.01); **B07C 5/36** (2006.01)

CPC (source: EP)  
**B07C 5/34** (2013.01); **B07C 5/36** (2013.01)

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**EP 0734790 A1 19961002; EP 0734790 B1 20001220; DE 69611259 D1 20010125; DE 69611259 T2 20010426; ES 2154390 T3 20010401; FR 2732247 A1 19961004; FR 2732247 B1 19970523; JP H0994535 A 19970408**

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