

Title (en)  
Upward current separator

Title (de)  
Aufstromsortierer

Title (fr)  
Séparateur à courant ascendant

Publication  
**EP 0873792 A3 19990331 (DE)**

Application  
**EP 98107102 A 19980418**

Priority  
• DE 19717404 A 19970424  
• DE 19721629 A 19970523

Abstract (en)  
[origin: EP0873792A2] The sorter comprises a container (1) with a processing chamber (12) whose base has several outlet openings for a fluid flow medium. A first conveyor (16) moves along the base (4) from the material pick-up (14) to the first discharge outlet (15) for heavier fractions whilst the second discharge outlet for lighter fractions is allotted a motor-driven cleaning device with at least one clearing element which acts in the processing chamber occupied by the flow medium solely in the layer of lightweight fractions to remove same. In plan view the container is rectangular or square and/or is shaped so that at the material pick-up the material is spread out across the width and/or at the discharge outlet for the heavier fractions the material is brought together across the width.

IPC 1-7  
**B03B 5/62**

IPC 8 full level  
**B03B 5/62** (2006.01); **B03B 11/00** (2006.01)

CPC (source: EP)  
**B03B 5/623** (2013.01); **B03B 11/00** (2013.01)

Citation (search report)  
• [X] DE 4220598 A1 19921126 - BEYER HORST [DE]  
• [A] DE 19507703 C1 19960808 - BEYER HORST [DE]  
• [A] US 4483768 A 19841120 - GAZZONI DOMENICO [IT]  
• [A] DE 4118020 A1 19921203 - SCHAUENBURG MASCH [DE]  
• [AD] WO 9505230 A1 19950223 - NOGGERATH HOLDING GMBH CO KG [DE], et al  
• [AD] DE 29620825 U1 19970123 - EGNER ANDREA [DE]  
• [AD] EP 0684076 A1 19951129 - ECOTECHNIEK BV [NL]

Designated contracting state (EPC)  
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