

Title (en)
Screen for sorting solid waste

Title (de)
Sieb zur Abfallsortierung

Title (fr)
Tamis pour le tri de déchets

Publication
EP 1106264 A3 20020626 (EN)

Application
EP 00125944 A 20001128

Priority
• IT PD990268 A 19991201
• IT PD20000095 A 20000417

Abstract (en)
[origin: EP1106264A2] The invention is a new screen with rollers (1) for sorting solid waste, each roller comprising an axis (1.1) with plates (1.2) parallel to one another and perpendicular to the axis itself, wherein between the rollers of the same axis there is an anti-clogging element (1.3) in the shape of a cylindrical tube, free to travel and substantially parallel to the axis, and wherein the diameter of said anti-clogging element in the shape of a cylindrical tube is longer than the axis and shorter than the diameter of the plates. The edge of said parallel plates (1.2) is provided with a strip (1.21) perpendicular to the plate itself, or a with an inclined double strip, so that the plate has arrow-shaped or T-shaped section along its entire perimeter. The plates may have polygonal, circular or elliptic section. <IMAGE>

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B07B 1/15; **B07B 1/50**

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B07B 1/15 (2006.01); **B07B 1/50** (2006.01)

CPC (source: EP)
B07B 1/15 (2013.01); **B07B 1/50** (2013.01)

Citation (search report)
• [A] DE 29711724 U1 19970904 - KRONENBERGER ERNST JOSEF [DE], et al
• [A] US 2722314 A 19551101 - BIXBY KENNETH R

Cited by
IT202000021796A1; WO2011045656A1; EP3771499A1; IT201900013791A1; EP3085462A1; EP3085462B1; ITUA20164184A1; EP3311930A1; BE1024663B1; US2012325729A1; ITVI20090249A1; US8627962B2; DE102005018995C5; CN109292458A; EP2926915A1; EP3374097A4; EP3108972A1; DE202012006328U1; DE102012012979A1; WO2014000728A1; EP4252925A1; IT202200006128A1; JP2013505829A; US11351573B2; EP3922365A1; IT202000014104A1; US11642701B2

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