

Title (en)

Rotor body for a sorting screen apparatus for sorting waste

Title (de)

Rotorkörper für eine Sortiersieborrichtung zum Sortieren von Abfallstoffen

Title (fr)

Corps de rotor pour appareil de tri de déchets

Publication

EP 2671648 A1 20131211 (EN)

Application

EP 12170723 A 20120604

Priority

EP 12170723 A 20120604

Abstract (en)

A rotor body (3) for a sorting screen has an outer circumference with a plurality of radial projections (4) circumferentially distributed around a central axis of rotation and projecting radially outwardly from the axis of rotation relative to intermediate recessed portions of the outer circumference. The rotor body has a central portion of a first material and at least outermost parts (8) of the radial projections are of a second material. The first material is more elastic than the second material. A sorting screen including such rotor bodies is also described.

IPC 8 full level

B07B 1/50 (2006.01); **B07B 1/15** (2006.01); **B07B 1/46** (2006.01)

CPC (source: EP)

B07B 1/155 (2013.01); **B07B 1/4618** (2013.01); **B07B 1/50** (2013.01)

Citation (applicant)

- EP 0773070 A1 19970514 - BOLLEGRAAF APPINGEDAM MASCHF [NL]
- EP 0925847 A1 19990630 - LUBO BV MASCHF [NL]

Citation (search report)

- [XAI] EP 1005918 A2 20000607 - ASEA BROWN BOVERI [CH]
- [XA] EP 0861696 A1 19980902 - KRONENBERGER ERNST JOSEF [DE], et al
- [XAI] US 2011094944 A1 20110428 - BRUGGENCATE KYLE ALAN [CA], et al

Cited by

WO2023117628A1; EP4201535A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2671648 A1 20131211

DOCDB simple family (application)

EP 12170723 A 20120604