

Title (en)
Method and apparatus for sorting waste paper

Title (de)
Verfahren und Vorrichtung zum Sortieren von Altpapier

Title (fr)
Méthode et dispositif de tri de déchets de papier

Publication
EP 1048363 B1 20050330 (DE)

Application
EP 00107563 A 20000407

Priority
AT 30099 U 19990430

Abstract (en)
[origin: EP1048363A2] The old paper and cardboard (7) is spread out on a sorting belt (1) and subjected to radiation which is then evaluated and sorted. The intensity differences in the radiation reflected by adjoining surface parts of the surface (6) being considered are determined. Each of the same sized surface parts is given an intensity value. The old paper pieces are assigned the cardboard fraction when the sum of the intensity differences understeps or reaches a boundary value. Independent claim describes device for sorting old paper where a camera part (5) of an evaluator device is arranged above the sorting belt. The radiation source (3, 4) emits visible light.

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B07C 5/342

IPC 8 full level
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CPC (source: EP US)
B07C 5/3422 (2013.01 - EP US); **B07C 5/366** (2013.01 - EP US); **Y10S 209/932** (2013.01 - EP US)

Cited by
FR2861322A1; AU2004283932B2; EP2241380A4; CN112791982A; US7365331B2; EP1533045A1; WO2011081517A3; WO2005039786A1; US8286800B2; EP3015178A1

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