

Title (en)

A system and a method for sorting items out of waste material

Title (de)

Vorrichtung und Verfahren zum Sortieren von Abfall

Title (fr)

Appareil et procédé de triage des déchets

Publication

EP 1829621 B1 20110525 (EN)

Application

EP 06075509 A 20060303

Priority

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Abstract (en)

[origin: EP1829621A1] For sorting items out of waste material (6), a system is provided including a conveyor (4) for transporting waste material (6), a detector (8) for identifying and locating items of the waste material (6) on the conveyor (4), at least one depositing area (11-15, 17) along the conveyor (4), at least one robot (1.1-1.8) along the conveyor (4); and a control circuitry (32) communicating with the detector (8) and with the robots (1.1-1.8). The control circuitry (32) is arranged for controlling the robot (1.1-1.8) or at least one of the robots (1.1-1.8) to pick-up located items of the waste material (6) on the conveyor (4) and to deposit picked-up items at the at least one depositing area (11-15, 17). A method for sorting items out of waste material (6) is also disclosed.

IPC 8 full level

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CPC (source: EP)

B07C 5/34 (2013.01); **B07C 5/362** (2013.01)

Cited by

CN104646302A; CN106000904A; CN110961359A; CN111974700A; CN113877836A; US9120131B2; US8931616B2; WO2010130360A3

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