

Title (en)
Separation method

Title (de)
Trennverfahren

Title (fr)
Procédé de séparation

Publication
EP 2808096 B1 20201111 (EN)

Application
EP 14169184 A 20140521

Priority
JP 2013114472 A 20130530

Abstract (en)
[origin: EP2808096A1] A separation apparatus characterized by comprising: a conveyor (1) which conveys plural separation targets (2A to 2D) having plural kinds of constituent substances (A, B); a distinguishing device (3) which distinguishes whether the separation targets (2A to 2D) exist or not on the conveyor (1), and analyzes the constituent substances of the separation targets (2A to 2D) when the separation targets (2A to 2D) exist; a calculation part (6) which distinguishes shape, size and position of the separation target (2A) having the predetermined constituent substance (A), based on a distinguishing result by the distinguishing device (3), calculates a center of gravity (11) of the separation target (2A) having the predetermined constituent substance (A), and a group of nozzles (5) recovers the separation target (2A) having the predetermined constituent substance (A) by jetting air to at least the center of gravity of the separation target (2A) having the predetermined constituent substance (A).

IPC 8 full level
B07C 5/36 (2006.01)

CPC (source: EP)
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Cited by
LU100519B1; EP3659720A1; US12011742B2

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