

Title (en)  
Separation apparatus and separation method

Title (de)  
Trennvorrichtung und Trennverfahren

Title (fr)  
Appareil et procédé de séparation

Publication  
**EP 2808096 A1 20141203 (EN)**

Application  
**EP 14169184 A 20140521**

Priority  
JP 2013114472 A 20130530

Abstract (en)  
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)  
**B07C 5/368** (2013.01)

Citation (applicant)  
JP 2009279553 A 20091203 - DAIO ENGINEERING CO LTD

Citation (search report)  
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• [XY] EP 1083007 A2 20010314 - SATAKE ENG CO LTD [JP]  
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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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