

Title (en)

Apparatus for separating wastes, in particular air separator

Title (de)

Vorrichtung zum Trennen von Abfällen, insbesondere Windsichter

Title (fr)

Dispositif de séparation de déchets, en particulier séparateur à air

Publication

**EP 1775031 A2 20070418 (DE)**

Application

**EP 06016999 A 20060816**

Priority

DE 102005049348 A 20051012

Abstract (en)

Forced draught sieve comprises a housing (1) into which refuse is fed by a conveyor (8), via an inlet port (9). Air is directed from a fan below the refuse inlet port, across the refuse feed trajectory, towards an adjustable separator edge (14), allowing lighter elements to be entrained out of port (4) and heavier material to fall to the housing bottom port (11). An induction fan provides suction to port (4). A belt conveyor with a speed of 100-250m/minute is the preferred feeder. The separating edge is located in the region of port (4), or above the natural trajectory of the conveyor feed at port (9), and is preferably adjustable in height (all features claimed).

IPC 8 full level

**B07B 4/02** (2006.01)

CPC (source: EP)

**B07B 4/02** (2013.01)

Cited by

CN103272773A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1775031 A2 20070418**; DE 102005049348 A1 20070426

DOCDB simple family (application)

**EP 06016999 A 20060816**; DE 102005049348 A 20051012