

Title (en)

DEVICE FOR SEPARATING SHEET MATERIAL IN A REFUSE PROCESSING PLANT

Publication

EP 0145601 B1 19880504 (FR)

Application

EP 84402539 A 19841210

Priority

FR 8319668 A 19831208

Abstract (en)

[origin: EP0145601A1] 1. A device for separation of sheet material in an apparatus for treatment of refuse, comprising separation means, stop means for the sheet materials, a cyclone (28), a second duct (27) between said stop means and the cyclone, a third duct between the cyclone and the separation means, and a blower (31) for ensuring a flow of air in a circuit formed between the separation means, the stop means, the cyclone, and back to the separation means, through said second and third ducts, characterised in that said separation means comprises a first passage (9), substantially vertical, and means (10, 14) for causing in this first passage an ascending flow of air, in that said device comprises a first duct (16) of venturi shape between said first passage and said stop means to close said air circuit, and in that said first and third ducts open substantially opposite each other on to the upper part of said first passage to cause a transverse flow of air.

IPC 1-7

B07B 9/02; **B07B 7/01**; **B07B 4/02**; **B07B 11/06**

IPC 8 full level

B07B 4/02 (2006.01); **B07B 7/01** (2006.01); **B07B 9/02** (2006.01); **B07B 11/06** (2006.01)

CPC (source: EP)

B07B 4/02 (2013.01); **B07B 7/01** (2013.01); **B07B 9/02** (2013.01); **B07B 11/06** (2013.01)

Cited by

JPWO2013145871A1; EP0479549A3; CN111672758A; DE19520486A1; DE19520486C2; US9821343B2; WO2013145871A1

Designated contracting state (EPC)

AT BE CH DE GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0145601 A1 19850619; **EP 0145601 B1 19880504**; AT E33949 T1 19880515; DE 3470852 D1 19880609; FR 2556246 A1 19850614; FR 2556246 B1 19860919

DOCDB simple family (application)

EP 84402539 A 19841210; AT 84402539 T 19841210; DE 3470852 T 19841210; FR 8319668 A 19831208