

Title (en)

Paper removal for an oscillating conveyor for the tobacco processing industry

Title (de)

Papierentfernung bei einem Schwingfördertopf der Tabak verarbeitenden Industrie

Title (fr)

Retrait de papier dans un pot de transport oscillant de l'industrie de traitement du tabac

Publication

EP 2342981 B1 20130807 (DE)

Application

EP 10150222 A 20100107

Priority

EP 10150222 A 20100107

Abstract (en)

[origin: EP2342981A1] The method involves conveying waste material into a vibratory feeder bowl (3) and further conveying the waste material onto a spiral shaped upward transport web in the vibratory feeder bowl. The waste material, particularly paper piece (22), is vacuumed or removed from the vibratory feeder bowl, particularly from the transport web, by a tubular paper suction device (26). The paper suction device is impinged with low pressure. An independent claim is also included for an arrangement for recovering tobacco in or from a cigarette manufacturing machine of tobacco processing industry.

IPC 8 full level

A24C 5/36 (2006.01)

CPC (source: EP)

A24C 5/36 (2013.01)

Cited by

DE102016212094A1; CN102960857A; CN113180288A; WO2013030286A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2342981 A1 20110713; EP 2342981 B1 20130807; CN 102119785 A 20110713; CN 102119785 B 20150805; JP 2011139702 A 20110721; PL 2342981 T3 20140131; SG 172593 A1 20110728

DOCDB simple family (application)

EP 10150222 A 20100107; CN 201110008222 A 20110107; JP 2011000913 A 20110106; PL 10150222 T 20100107; SG 2011000700 A 20110106