

Title (en)

Method of using a dust-removing apparatus

Title (de)

Verfahren zur Verwendung einer Staubentfernungsvorrichtung

Title (fr)

Méthode d'utilisation d'un appareil pour l'enlèvement de poussière

Publication

EP 2735381 A1 20140528 (EN)

Application

EP 13188448 A 20131014

Priority

JP 2012256229 A 20121122

Abstract (en)

An efficient dust-removing apparatus with which excellent dust-removing effect can be obtained with small amount of energy. Jet (3) from a nozzle portion (1) has a potential core (5), a transitional area (E) in which disturbance is in a developed stage, and a perfect developed area (F) of sufficiently developed diffused disturbance, and, a dust-removed face (Wa) of a work (W) is disposed within the transitional area (E) formed on a downstream side to an end (50) of the potential core (5) of the jet (3) from the nozzle portion (1).

IPC 8 full level

B08B 5/02 (2006.01); **B08B 5/04** (2006.01)

CPC (source: CN EP)

B08B 5/02 (2013.01 - CN EP); **B08B 5/04** (2013.01 - EP)

Citation (applicant)

JP H11235559 A 19990831 - SHINKO KK

Citation (search report)

- [X] EP 0682992 A2 19951122 - VALMET PAPER MACHINERY INC [FI]
- [X] EP 0565811 A1 19931020
- [X] EP 0513632 A1 19921119 - SUNDWIGER EISEN MASCHINEN [DE]

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2735381 A1 20140528; **EP 2735381 B1 20190918**; CN 103831274 A 20140604; CN 103831274 B 20170426; JP 2014100694 A 20140605; JP 5814902 B2 20151117; KR 101615543 B1 20160426; KR 20140066078 A 20140530; TW 201420200 A 20140601; TW I523695 B 20160301

DOCDB simple family (application)

EP 13188448 A 20131014; CN 201310264643 A 20130628; JP 2012256229 A 20121122; KR 20130074503 A 20130627; TW 102119626 A 20130603