

Title (en)

Device for separating a material into coarse and fine material

Title (de)

Vorrichtung zum Trennen von Aufgabegut in Feingut und Grobgut

Title (fr)

Dispositif de séparation d'un matériau en produits fins et produits grossiers

Publication

EP 2251099 B2 20221228 (DE)

Application

EP 10004849 A 20100507

Priority

DE 102009020713 A 20090511

Abstract (en)

[origin: EP2251099A2] The device (1) has a cylindrical visible zone (24) arranged along an axis (8). A distributor channel (9) is provided for supplying visible air (15') and extends over the circumference of the cylindrical visible zone, where flow cross section of the channel is reduced in a flow direction. The visible zone and the distributor channel are separated from each other via an inner wall (12), which possesses passage openings for entry of the visible air into the visible zone. A goods inlet is attached axially at the cylindrical visible zone.

IPC 8 full level

B07B 4/02 (2006.01); **B07B 7/086** (2006.01); **B07B 9/02** (2006.01)

CPC (source: EP)

B07B 4/02 (2013.01); **B07B 7/086** (2013.01); **B07B 9/02** (2013.01)

Citation (opposition)

Opponent :

- CN 2263554 Y 19971001 - CHINESE PETROCHEMICAL CORP [CN]
- DE 3508889 C1 19920220 - ALPINE AG
- DE 1607631 A1 19701022 - KRUPP GMBH

Cited by

CN106892284A

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2251099 A2 20101117; **EP 2251099 A3 20120808**; **EP 2251099 B1 20130821**; **EP 2251099 B2 20221228**; DE 102009020713 A1 20101118

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