

Title (en)

Compact installation for wet classifying of powdery substances

Title (de)

Kompaktanlage zum Nassklassieren von pulverförmigen Substanzen

Title (fr)

Installation compacte pour la classification humide de substances en poudre

Publication

EP 1043060 A1 20001011 (DE)

Application

EP 00106281 A 20000323

Priority

DE 19914087 A 19990327

Abstract (en)

[origin: DE19914087A1] Classifier comprises a dispersing and classifying unit (12) with a dispersing device (8) and a drum (11); a charging unit for introducing powdered material into the unit (12); an additional vessel (25) for the dispersing liquid and the suspension to be classified; a feeding and removal system between the additional vessel and the dispersing and classifying unit; a removal system for the removed coarse component from the dispersing and classifying unit; a storage vessel (31) for the classified suspension; and a removal system for the classified suspension from the dispersing and classifying unit to the storage vessel.

Abstract (de)

Es wird eine Anlage zum Naßklassieren von pulverförmigen Substanzen beschrieben. Die Anlage weist als Hauptbestandteile eine kombinierte Dispergier- und Klassiereinheit (12), einen Ansatzbehälter (25) und einen Speicherbehälter (31) auf. Sie hat daher besonders wenige Bestandteile und ermöglicht eine besonders kompakte Bauweise. <IMAGE>

IPC 1-7

B01F 3/12

IPC 8 full level

B01F 3/12 (2006.01); **B01F 13/10** (2006.01)

CPC (source: EP)

B01F 23/56 (2022.01); **B01F 23/59** (2022.01); **B01F 33/83613** (2022.01)

Citation (search report)

- [XY] US 3852191 A 19741203 - ZUCKER F, et al
- [YA] DE 9105601 U1 19910613
- [YAA] US 4764019 A 19880816 - KAMINSKI DONALD R [US], et al
- [A] DE 4132066 A1 19920402 - PARDIKES DENNIS G [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1043060 A1 20001011; **EP 1043060 B1 20040303**; AT E260705 T1 20040315; DE 19914087 A1 20000928; DE 50005471 D1 20040408

DOCDB simple family (application)

EP 00106281 A 20000323; AT 00106281 T 20000323; DE 19914087 A 19990327; DE 50005471 T 20000323