

Title (en)
ROLLER MILL

Publication
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Application
EP 88101623 A 19880204

Priority
• JP 6790787 A 19870324
• JP 6790887 A 19870324
• JP 17900587 A 19870720

Abstract (en)
[origin: EP0283682A2] The known roller mill associated with a rotary-type classifier is improved in a number of aspects. The improvements reside in that a downwardly convex flow-rectifying cone is disposed under the rotary type classifier and an upwardly convex slant plate for ejecting a sediment within the classifier is disposed above the flow-rectifying cone; that a baffle plate for hot air which covers a part of an upper side of a blow-up passageway of hot air provided along the outer circumferential portion of a turn table as spaced therefrom; or that the rotary classifier comprises a plurality of classifying blades disposed along generating lines of an inverse frusto-conical surface having a vertical axis and rotating about the axis to separate powder in a gas flow into fine powder and coarse powder, an angle formed between the classifying blade and a rotary radius is selected to be 30 DEG to 60 DEG , and an angle formed between the classifying blade and the rotary axis is selected to be 0 DEG to 40 DEG ; either singly or in combination.

IPC 1-7
B02C 15/00; **B02C 23/32**

IPC 8 full level
B02C 23/32 (2006.01); **B02C 15/00** (2006.01)

CPC (source: EP)
B02C 23/32 (2013.01); **B02C 2015/002** (2013.01)

Cited by
US11590510B2; CN111189985A; CN109365063A; EP0385499A3; EP0736338A1; US5657877A; EP0337238A3; CN106583003A; EP0568941A3; DE3839419A1; CN107847984A; US2018221889A1; US10722899B2; WO0119522A1

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