

Publication

**EP 0570854 A3 19940406**

Application

**EP 93107850 A 19930513**

Priority

DE 4216939 A 19920522

Abstract (en)

[origin: EP0570854A2] A milling container 11 and an agitator shaft 14 arranged therein bound a milling space 15 which is partially filled with grinding bodies 19 and through which a charging suspension is moved axially. The dynamic separation of the grinding bodies consists of a rotating separating disc 24 in which screens 30 are fitted, preferably arranged perpendicularly with respect to the axial flow 28 of material for milling, and of an annular gap 27. This combination permits very small grinding bodies 19 to be used in an operationally reliable fashion accompanied by high flow rates and viscosities and low wear. Additionally, the seal 33 which is usually required is protected against grinding bodies 19 and the screens 30 can be easily reached for cleaning or replacement if openings are provided, as can be seen from Fig. 1, in the annular flange 25 which forms the fixed counterface of the annular gap 27.

IPC 1-7

**B02C 17/16**

IPC 8 full level

**B02C 17/16** (2006.01)

CPC (source: EP)

**B02C 17/161** (2013.01)

Citation (search report)

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- [Y] SOVIET PATENTS ABSTRACTS Section PQ Week 8527, 15 August 1985 Derwent World Patents Index; Class P41, AN 85-164367

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**EP 0570854 A2 19931124; EP 0570854 A3 19940406**; DE 4216939 A1 19931125; DE 4216939 C2 19950126

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