

Title (en)

METHOD OF OPERATING A BALL MILL, AND SUCH A BALL MILL

Publication

EP 0074633 A3 19850821 (DE)

Application

EP 82108344 A 19820910

Priority

DE 3136323 A 19810912

Abstract (en)

[origin: EP0074633A2] 1. An agitator ball mill comprising a mill container (12) surrounding a mill space (34) in which at least one agitator element (32) rotatable relative to the mill container (12) is arranged, and further comprising at least one lock means (60) in a line (68) for feeding milling balls (36) from a reservoir (64) into the mill space (34) during operation, characterized in that a valve (70) and upstream of it a nozzle means (74, 78) are provided in the line (68) between the reservoir (64) and the mill space (34) through which a fluid may be discharged under pressure in the direction of the desired ball flow to transport the milling balls (36) into the mill space (34).

IPC 1-7

B02C 17/16

IPC 8 full level

B02C 17/16 (2006.01)

CPC (source: EP)

B02C 17/16 (2013.01)

Citation (search report)

- [X] DE 2242174 A1 19740307 - NETZSCH MASCHINENFABRIK
- [X] DE 2051003 B1 19720309 - MUENCHEN MICHAEL HUBER FA
- [X] FR 2433981 A1 19800321 - BUEHLER AG GEB [CH]
- [AD] GB 2016953 A 19791003 - FRYMA MASCH AG

Cited by

EP0514562A1; EP0243682A3; DE3815156A1; CN114340796A; US5183215A; CN103691529A; WO2014187824A1; CN104437816A; EP2484450A3; CN107362871A; EP2484450B1

Designated contracting state (EPC)

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