

Title (en)

Process for comminuting minerals and roller mill for applying this process.

Title (de)

Verfahren zur Feinzerkleinerung von Mahlgut und verbesserte Walzenmühle zur Durchführung dieses Verfahrens.

Title (fr)

Procédé de broyage fin de minéraux et broyeur à cylindres perfectionné pour la mise en oeuvre de ce procédé.

Publication

EP 0348262 A1 19891227 (FR)

Application

EP 89401594 A 19890608

Priority

FR 8808519 A 19880624

Abstract (en)

The subject of the invention is a process for comminuting minerals, consisting in subjecting a layer of the material to be ground to a compression between two rollers (10, 12) with parallel axes, rotating in opposite directions and pressed elastically towards each other, and an improved roller mill for applying the process. In order to eliminate agglomerates in the product leaving the mill, the ground material is subjected to vibrations when it leaves the rollers (10, 12), in a zone situated as near as possible to the imaginary plane (X-X) containing the axes of the rollers. In order to do this, it will be possible to use a triangular-section bar (14) arranged longitudinally between the rollers, and a vibration generator (16) connected to the said bar. <IMAGE>

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IPC 8 full level

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Citation (search report)

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DOCDB simple family (publication)

EP 0348262 A1 19891227; **EP 0348262 B1 19920429**; ES 2030986 T3 19921116; FR 2633197 A1 19891229; FR 2633197 B1 19920724; GR 3004777 T3 19930428

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