

Title (en)

CONE-TYPE VIBRATING CRUSHER AND METHOD FOR ADJUSTING OPERATION OF SUCH CRUSHER.

Title (de)

VIBRATIONS-KEGELBRECHER UND VERFAHREN ZUR REGELUNG DES LAUFS EINES SOLCHEN BRECHERS.

Title (fr)

BROYEUR VIBRANT A CONE ET PROCEDE DE REGLAGE DE LA MARCHE D'UN TEL BROYEUR.

Publication

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Application

EP 94910447 A 19940322

Priority

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Abstract (en)

[origin: WO9421380A1] The invention relates to crushers wherein the material is crushed between a cone (10) and a bottomless frustoconical body (18) surrounding the cone and wherein the body is mounted on a frame (20) movable with respect to the structure and provided with means (24) capable of transmitting circular, substantially horizontal oscillations or vibrations to the body. In order to control operation of the crusher and to provide for improved monitoring of its operating status, while increasing the useful life of the working surfaces, the cone (10) is mounted on its support (16) in such a way as to rotate freely and is provided with means (28) for measuring the rotation speed thereof about its axis of connection with means (32) of adjustment of the frequency and/or amplitude of the vibrations or oscillations of the body.

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IPC 8 full level

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Citation (search report)

See references of WO 9421380A1

Citation (examination)

- SOVIET INVENTIONS ILLUSTRATED Week 8920, Derwent Publications Ltd., London, GB;
- AN 89-149341 & SU,A,1 416 181 (MEKHANOBR MINERALS) 15 Août 1988

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