Title (en)

Method for automatically controlling the crusher clearance, determining the granular size, of a crushing machine and apparatus for carrying out the method

Title (de)

Verfahren zum automatischen Einstellen des den Kornaufbau deszerkleinerten Gutes bestimmenden Mahlspaltes einer Zerkleinerungsmachine und Anlage hierfür

Title (fr)

Procédé de réglage automatique de la fente de broyage, déterminant la granulométrie, d'une machine de broyage et dispositif pour la mise en oeuvre du procédé

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Application

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Priority

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Abstract (en)

[origin: EP0391096A2] The invention relates to a method for automatically controlling the crusher clearance, determining the granular size, of a crushing machine which has a first circulating crushing tool 2-4 and at least one further crushing tool 5,7 assigned to the latter. The invention relates in particular to a method for operating an impact mill in which, in order to avoid substantial changes to the granular size of the crushed material, the impact mechanism 5,7 is moved when the impact mill is idling by means of a drive 10,11 up to the first contact with the impact strips 4 on the rotor 2 and, after identifying the resulting noises by means of a microphone 18, the movement is reversed until the previously specified crusher clearance is reached. According to the invention, a filter circuit is provided which makes the noises resulting from the contact of the crushing tools 4,5,7 recognisable for a computer which permits the steps necessary for the control to proceed according to a predetermined programme. The invention also relates to a system for carrying out the method. <IMAGE>

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Cited by

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