Title (en)

SYNCHRONISER AND ACCELERATOR SYSTEM FOR FEEDING AGGREGATES WHICH COINCIDES WITH THE HAMMER ACTION TO BE USED WITH A HAMMER MILL

Title (de)

SYNCHRONISIERUNG UND BESCHLEUNIGUNGSEINRICHTUNG ZUR KOORDINATION DER BESCHICKUNGSANORDNUNG MIT DER BEWEGUNG DER HAMMER IN EINER HAMMERMÜHLE

Title (fr)

SYSTEME SYNCHRONISEUR ET ACCELERATEUR ASSURANT UNE ALIMENTATION EN GRANULATS SYNCHRONISEE AVEC L'ACTION DES MARTEAUX D'UN BROYEUR A MARTEAUX

Publication

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Application

EP 95932899 A 19950913

Priority

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• IT SA940008 A 19940930

Abstract (en)

[origin: WO9610457A1] The invention under proposal is a system for feeding aggregate to hammer mills producing sand or other granular material in general, its function being to provide a regulated acceleration of the immission of raw material for processing and the elimination of contact between the hammers and the material to be crushed during those unfavourable moments which give rise to the build-up of unprocessed material in the grinding chamber, thus preventing the optimal use of the hammer surfaces which are then particularly subject to attrition, above all, at the striking edge. This invention, consists in a steel, rectangular box-like structure containing a roller (4) driven by a toothed transmission belt (8) connected to the rotor of a two-hammer mill at a speed such that the said roller (4) executes one revolution for every two revolutions executed by the hammer mill rotor, so that the two peripheral speeds of the roller (4) and the rotor (11) are coordinated according to the ratio determined by the type of mill.

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