Title (en)
CONTROL SYSTEM FOR A MILL AND METHOD FOR OPERATING A MILL

Title (de)
MÜHLENREGELUNGSSYSTEM UND VERFAHREN ZUM BETREIBEN EINER MÜHLE

Title (fr)
SYSTÈME DE RÉGULATION DE BROYEUR ET PROCÉDÉ POUR FAIRE FONCTIONNER UN BROYEUR

Publication
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Application
EP 08868833 A 20081206

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Abstract (en)
[origin: WO2009083096A1] The invention relates to a control system for a mill, particularly a roller grinding mill, comprising a mill control device (11), which is designed to control at least one mill characteristic on the basis of an associated target variable, and a fuzzy-control device (13), which is connected to the mill control device (11) and designed to adjust the target variable of the at least one mill characteristic to be controlled when at least one operating parameter of the mill deviates from a predefined normal range as a function of fuzzy rules that are based on said at least one operating parameter of the mill until the at least one operating parameter of the mill has reached the predefined normal range again. A solution is to be provided, which enables automated optimized mill operation even with changing operating conditions, particularly a mill operation that prevents the "mill rumbling". This is achieved in that the at least one operating parameter of the mill encompasses at least the air pressure difference over the mill.

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