Title (en)
METHOD FOR DETECTING WEAR IN CRUSHERS DURING IDLE OPERATION

Title (de)
VERFAHREN ZUR VERSCHLEISSERKENNUNG BEI BRECHERN IN LEERFAHRT

Title (fr)
PROCÉDÉ DE DÉTECTION D'USURE DANS DES CONCASSEURS EN MARCHE À VIDE

Publication
EP 4149684 A1 20230322 (DE)

Application
EP 21726035 A 20210510

Priority
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Abstract (en)
[origin: WO2021226647A1] A method for detecting wear in crushers, having a wearing part (2) mounted on a drive shaft (1), during idle operation is described. In order to create a method of the type discussed in the introduction such that downtimes that impair crusher productivity can be eliminated and nevertheless reliable wear detection is made possible with low risk of injury to machine operators, it is proposed that the drive shaft (1) is accelerated from a starting angular speed (ω1) to an end angular speed (ω2) with a specified acceleration and the drive energy required for this is ascertained, whereupon the wear of the wearing part (2) is ascertained as the value assigned to the required drive energy in a specified wearing-part characteristic curve (3, 4, 5).

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B02C 13/09 (2006.01)

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