

Title (en)

METHOD FOR VERIFYING THE FILLING LEVEL OF COAL IN A BALL MILL

Title (de)

VERFAHREN ZUR REGELUNG DES KOHLEFÜLLUNGSGRADES EINER KUGELMÜHLE

Title (fr)

PROCEDE POUR CONTROLER LE NIVEAU DE REMPLISSAGE EN CHARBON D'UN BROYEUR A BOULET

Publication

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Application

EP 00917148 A 20000407

Priority

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Abstract (en)

[origin: FR2792224A1] Method involves drum rotationally mounted on two distant bearings, and series of bondage-gage weight sensors (11 to 16) placed under bearings. Sensors send electric signals representing weight of drum with load. Signals are sent to calculation unit (19) producing electric signal (P). Before being compared with data base (20) pre-established in comparator (21) with exit linked to conventional regulator (22) regulating coal feeder (23) to mill, weight measured by first weight value (FV) representing vertical component of effort created by rotational driving torque of drum is corrected. Exit signal from comparator regulates working speed of feeder, hence regulates coal (24) flow of mill. An Independent claim is also included for the apparatus to verify filling level of coal.

IPC 1-7

B02C 17/18; B02C 25/00

IPC 8 full level

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