

Title (en)

Method for controlling the output of a crushing plant

Title (de)

Verfahren zum Regeln der Abgabeleistung von Brechanlagen

Title (fr)

Procédé de réglage du débit de déchargement d'une installation de broyage

Publication

EP 0811427 A3 19980408 (DE)

Application

EP 97107399 A 19970505

Priority

DE 19622597 A 19960605

Abstract (en)

[origin: EP0811427A2] The device comprises a hopper (1) from which the stone is dropped onto a supply conveyor (2) which feeds a stone crusher (3). The crushed stone is dropped onto an output conveyor (4) with the output flow rate monitored (5) either by weighing or simply by monitoring the height of material on the conveyor and the speed of the conveyor. A processor (8) computes the output rate and controls the input rate into the crusher to prevent overloading of the output conveyor. The loading rate into the crusher includes the time delay for material to pass through the crusher as well as the speed of the feed conveyor. The processor ensures an even output rate to prevent overloading of the conveyor system (7) to the processing plant.

IPC 1-7

B02C 25/00

IPC 8 full level

B02C 25/00 (2006.01)

CPC (source: EP)

B02C 25/00 (2013.01)

Citation (search report)

- [A] GB 750535 A 19560620 - F L SMIDTH & COMPANY AS
- [A] US 4909449 A 19900320 - ETHERIDGE JOHNNY E [US]

Cited by

US8770501B2; US10208592B2

Designated contracting state (EPC)

DE ES FR GB IT

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