

Title (en)

DRIVING SYSTEM FOR OPERATING A CRUSHER AND METHOD OF OPERATING A CRUSHER

Title (de)

ANTRIEBSSYSTEM ZUM BETRIEB EINES BRECHERS UND VERFAHREN ZUM BETRIEB EINES BRECHERS

Title (fr)

SYSTÈME D'ENTRAÎNEMENT POUR L'OPÉRATION D'UN CONCASSEUR ET PROCÉDÉ D'OPÉRATION D'UN CONCASSEUR

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Application

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Abstract (en)

[origin: WO2019081079A1] The invention relates to a drive system (1) for driving a crusher (50) of a material comminuting system with a main drive (2) and a transfer gearbox (10) which is driven by the main drive (2), wherein the transfer gearbox (10) drives at least one generator (20) and a first hydraulic pump (21) which is connected switchably to the transfer gearbox (10). It is provided here that a switchable fluid coupling (30) is connected into the transmission path from the transfer gearbox (10) to the crusher (50), that the switchable fluid coupling (30) and a pump (31) are flow-connected to one another in a pumping circuit, and that a fluid can be fed to the switchable fluid coupling (30) by means of the pump (31). The invention also relates to a method for operating a crusher of this type. The drive system makes gentle operation of the crusher with a low number of required components possible.

IPC 8 full level

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