Title (en)

ASSEMBLY OF INTERCONNECTED MINERAL PULVERISING MILLS

Title (de)

ANORDNUNG AUS VERNETZTEN MINERALPULVERISIERUNGSMÜHLEN

Title (fr)

ENSEMBLE DE BROYEURS PULVÉRISATEURS POUR MINERAI RACCORDÉS ENTRE EUX

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Abstract (en)

The invention relates to a configuration of turbo-pulverising mills interconnected in a closed circuit, which, by means of a single process comprising the milling of mineral as it is extracted from the mine, can be used to obtain the particle size required for wet metal extraction processes. According to the invention, each mill comprises a loading chamber (1) having a mineral inlet (5) that is communicated with a central space (7), said loading chamber (1) being connected to a static central body (2) having a static chamber (8) for housing the load. Moreover, the static central body (2) is connected to a turbo-pulveriser (3) including a stationary casing (14) containing vanes (15), with a free space (18) being provided between the inner edge of the stationary casing (14) and the vanes (15). In addition, the shaft (16) extending from the vanes is connected to at least one motor (4). Said configuration is formed by at least one pair of mills having a loading chamber (1) with a single receiving hopper (23) for feeding material into a single central space (7).

IPC 8 full level

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