

Title (en)
METHOD AND DEVICE FOR COMMINUTING ORE

Title (de)
VERFAHREN UND VORRICHTUNG ZUR ZERKLEINERUNG VON ERZMATERIAL

Title (fr)
PROCÉDÉ ET DISPOSITIF DE FRAGMENTATION DE MATIÈRE MINÉRALE

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Application
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Abstract (en)
[origin: CA2775615A1] The invention relates to a device and method for comminuting ore and/or in particular slag, comprising an ore feeding unit for feeding ore to be comminuted to a pulverizer, wherein the pulverizer is composed at least of two comminuting elements (30, 40) that can be moved relative to each other, which elements form at least one comminuting space for the ore to be comminuted with each other such that, by a relative movement in the form of a rotation of at least one of the two comminuting elements (30, 40), the ore to be comminuted is pulverized in that one or more accelerating elements (35), in particular protrusions (35), are provided on at least one of the comminuting elements (30,40), said accelerating elements being arranged in particular on the end face of at least one of the two comminuting elements (30, 40) and accelerating and comminuting the ore to be comminuted by the rotation of one of the two comminuting elements (30, 40). An intermediate space (60) is provided between the two comminuting elements (30, 40) and/or in at least one of the two comminuting elements, through which gap the pulverized ore, during the rotation, is transported from the center of rotation toward the outside and away by the two comminuting elements (30, 40), and an outlet unit (14) is provided, which is connected to the intermediate space (60) and through which the pulverized ore is discharged.

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