

Title (en)
ROLLER PRESS, IN PARTICULAR FOR INTERPARTICLE CRUSHING

Title (de)
ROLLENPRESSE INSBESONDERE ZUR GUTBETTZERKLEINERUNG

Title (fr)
PRESSE À ROULEAUX NOTAMMENT POUR LE BROyage D'UN LIT DE MATIÈRE

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Application
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Abstract (en)
[origin: CA2653065A1] In order to provide a roller press which is used in particular for interparticle crushing and in the material feed shaft (12) of which both coarse-grained material (14), such as fresh material for example, and fine-grained material (19), such as, for example, recirculated grits of a downstream classifier and/or, for example, fly ash, are introduced, wherein, despite the markedly different grain size and grain distribution in the two material flows to be drawn into the roller gap, the stability of the particle bed or grinding bed and thus a high grinding efficiency are ensured, it is proposed according to the invention that a pressure screw (17) conveying the fine material under applied pressure be inserted into the material feed shaft (12) through the at least one fine-grain charging opening (16) of the latter, the nozzle-like orifice (20) of which pressure screw (17), in particular a flat nozzle, extends right into the central region in which the material is drawn into the pressing roller gap.

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