

Title (en)
GRINDING MILL

Title (de)
MAHLANLAGE

Title (fr)
INSTALLATION DE BROyage

Publication
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Application
EP 13777001 A 20131009

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Abstract (en)
[origin: WO2014056974A1] The grinding mill according to the invention substantially comprises the following parts: a roller press for crushing brittle material to be ground, which comprises two counter-running grinding rollers, a static classifier with a classifying-material inlet for fresh material to be ground and/or material crushed in the roller press, an aerating base, arranged at an angle to the horizontal and flowed through by classifying gas, a first and a second coarse-material outlet and a fine-material outlet, and a transporting unit, which is in connection with the roller press and the classifying-material inlet of the classifier, in order to raise the fresh material to be ground and/or material crushed in the roller press, wherein the roller press, the transporting unit and the classifier are structurally arranged next to one another and one behind the other in a straight line in the direction of material flow, the classifying-material inlet is arranged on the side of the classifier that is facing the transporting unit, the classifier has a classifying-gas inlet, which is connected to the classifier in a region facing away from the transporting unit, the classifier has two classifying chambers, arranged one above the other, wherein the classifying-material inlet opens out into the upper classifying chamber and the classifying-gas inlet is connected to the lower classifying chamber, and wherein the first coarse-material outlet is connected to the upper classifying chamber and the lower classifying chamber is provided with a second coarse-material outlet.

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