

Title (en)
RAW MEAL DELIVERY DEVICE

Title (de)
ROHMEHLAUFGABEVORRICHTUNG

Title (fr)
DISPOSITIF DE DISTRIBUTION DE FARINE CRUE

Publication
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Application
EP 22702632 A 20220119

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Abstract (en)
[origin: CA3208647A1] The invention relates to a raw meal delivery device (1) for delivering raw meal (R) into a gas line, such as a riser of a heat exchanger cyclone (112, 113), or into a reactor, such as a calciner (170), of a system (100) for producing cement clinker, having a connection line (2) for connecting a raw meal line (120) to the gas line or to the reactor, an oblique raw meal chute (3), which is arranged inside the connection line (2) and via which raw meal (R) passes from the raw meal line (120) into the gas line or the reactor, a baffle slide (10) being arranged at the foot of the raw meal chute (3) and protruding into the path of the raw meal flowing via the raw meal chute and deflecting the incoming raw meal (R). According to the invention, a substantially convex displacement body is arranged on the baffle slide (10) and lies in the path of the incoming raw meal and disperses the flow of raw meal (R). The displacement body disperses the raw meal (R) on entry into the calciner (170) with the effect of faster calcination. As a result, the performance of the calciner can be improved with small means.

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