

Title (en)

METHOD AND DEVICE FOR TREATING PARTICULATE MATERIAL

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BEHANDELN VON TEILCHENFÖRMIGEM MATERIAL

Title (fr)

PROCEDE ET DISPOSITIF DE TRAITEMENT DE MATIERE PARTICULAIRE

Publication

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Application

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Abstract (en)

[origin: WO02103063A2] The invention relates to a method for treating, preferably for reducing, particulate material in at least one fluidization zone at an increased temperature, particularly for reducing ore dust. According to the method, the particulate material is held in the fluidization zone by a treatment gas that flows upward from the bottom, and fine-particulate material, which is transported out of the fluidization zone with the treatment gas is separated from the treatment gas in a separating zone. To this end, the following steps are carried out in the separating zone: feeding the stream, which consists of treatment gas and of transported fine-particulate material, to a separating device (8); separating the fine-particulate material from the treatment gas, whereby the treatment gas is extracted from the separating device as waste gas, and; withdrawing the separated fine-particulate material out of the separating device (8). The invention also relates to a device for carrying out the method. Coarse grained material is introduced into the separating zone whereby reducing the amount of baked on material and deposits thereof.

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C21B 13/00

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Citation (search report)

See references of WO 02103063A2

Citation (examination)

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