Title (en)

FACILITY FOR MELTING DUSTS

Title (de)

EINRICHTUNG ZUM SCHMELZEN VON ST UBEN

Title (fr)

DISPOSITIF DE FUSION DES POUSSIERES

Publication

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Application

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Abstract (en)

[origin: WO03070651A1] The invention relates to a facility for melting materials and/or dusts that have already been reduced in size, such as for example furnace or steel dusts, marl and lime dust mixtures, light shredder fractions and/or waste materials that have been reduced in size, wherein the material or the dusts are injected into a combustion chamber together with a carrier gas. The dusts or the material are introduced into a cyclone (3) in an axial relation and the carrier gas is introduced in a tangential relation thereto. The cyclone (3) is linked with a combustion chamber (8) via a substantially axially aligned discharge opening (9).

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

C03B 3/026 (2013.01 - EP US); **C03B 5/005** (2013.01 - EP US); **C03B 5/12** (2013.01 - EP US); **C21B 3/04** (2013.01 - EP US); **C22B 7/003** (2013.01 - EP US); **C22B 7/02** (2013.01 - EP US); **F27D 3/0025** (2013.01 - EP US); C21C 5/5217 (2013.01 - EP US); Y02P 10/20 (2015.11 - EP US); Y02P 40/50 (2015.11 - EP US); Y02W 30/50 (2015.05 - EP US)

Citation (search report)

See references of WO 03070651A1

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