

Title (en)

DEVICE AND METHOD FOR PRODUCING A FINE-GRAINED FUEL BY DRYING AND IMPACT CRUSHING

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ERZEUGUNG EINES FEINKÖRNIgen BRENNSTOFFS DURCH TROCKNUNG UND PRALLZERKLEINERUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR PRODUIRE UN COMBUSTIBLE À GRAINS FINS PAR SÉCHAGE ET BROYAGE PAR IMPACT

Publication

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Application

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Abstract (en)

[origin: CA2786797A1] The invention relates to a device and method for producing a fine-grained fuel, in particular from solid, paste-like or aqueous energy feed stocks, by drying and crushing, comprising an impact reactor having a rotor and impact elements, a labyrinth seal in the region of the rotor shaft of the impact reactor, a device for feeding hot drying gas through the labyrinth seal into the impact reactor and at least one further feed device for hot drying gas in the bottom region of the impact reactor, a feed device for solid or paste-like energy feed stocks in the top region of the impact reactor, at least one extractor device for a gas flow containing crushed and dried energy feedstock particles, and a device for separating and extracting crushed and dried energy feed stock particles from the gas flow extracted from the impact reactor.

IPC 8 full level

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