

Title (en)

METHOD AND DEVICE FOR BREAKING UP AN ELECTRICALLY CONDUCTIVE LIQUID

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ZERTEILEN EINER ELEKTRISCH LEITFÄHIGEN FLÜSSIGKEIT

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR FRAGMENTER UN LIQUIDE ÉLECTROCONDUCTEUR

Publication

EP 3983157 A1 20220420 (DE)

Application

EP 20757855 A 20200812

Priority

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Abstract (en)

[origin: WO2021028477A1] The invention relates to a method for breaking up an electrically conductive liquid, in particular a molten jet, which comprises the steps of: Providing the electrically conductive liquid, which moves in a first direction (12) in the form of a liquid jet (10); and generating high-frequency electromagnetic travelling fields surrounding the liquid jet (10), which travel in the first direction (12) and accelerate the liquid jet (10) in the first direction (12), whereby the liquid jet (10) is atomized.

IPC 8 full level

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