

Title (en)

METHOD AND SYSTEM FOR RECOVERING MAGNETIC GRAINS FROM SINTERED MAGNETS OR PLASTIC MAGNETS

Title (de)

VERFAHREN UND SYSTEM ZUR RÜCKGEWINNUNG VON MAGNETISCHEN KÖRNERN AUS GESINTERTEN MAGNETEN ODER PLASTISCHEN MAGNETEN

Title (fr)

PROCEDE ET SYSTEME POUR RECUPERER DES GRAINS MAGNETIQUES D'AIMANTS FRITTES OU DE PLASTO-AIMANTS

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Application

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Abstract (en)

[origin: WO2018015331A1] The invention concerns a method and a device for retrieving, from an object A, elements G present in a matrix M, characterised in that it comprises at least the following steps: bringing said object A into contact with a dense fluid Fd with a molar mass greater than 2 g mol⁻¹ under temperature T1 and pressure P1 conditions suitable for transforming the intergranular phase and for releasing the elements G, (302), modifying the temperature T2 and/or pressure P2 values to stop the reaction transforming the intergranular phase, (303), and recovering the elements G separated from the matrix M (304).

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