

Title (en)

METHOD FOR OPERATING A FRAGMENTATION SYSTEM AND SYSTEM THEREFOR

Title (de)

VERFAHREN ZUM BETREIBEN EINER FRAGMENTIERANLAGE SOWIE ANLAGE DAFÜR

Title (fr)

PROCEDE POUR FAIRE FONCTIONNER UNE INSTALLATION DE FRAGMENTATION ET INSTALLATION A CET EFFET

Publication

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Application

**EP 04763542 A 20040728**

Priority

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Abstract (en)

[origin: WO2005028116A1] The invention relates to a method for operating an electrodynamic fragmentation system. The fragmentation product arranged in the process fluid is permanently suspended and forms a suspension with the process fluid. The portion of the processed fragmentation product which attains the target particle size or smaller is discharged from the reaction vessel and the fragmentation product exceeding the target particle size is supplied to the reaction area. The fragmentation system comprises a chargeable electric energy store, a pair of electrodes connected thereto, and both ends thereof are arranged at a distance from each other in the process fluid contained in the reaction vessel. The fragmented product is separated in a solid and liquid manner in a separator in the electrode intermediate chamber until it reaches the target particle size and is smaller than the target particle size and the prepared process fluid is guided back into the reaction vessel.

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