

Title (en)

Process for disaggregating agglomerated solid particles which are suspended in a liquid.

Title (de)

Verfahren zum Zersetzen von agglomerierten Festteilchen, suspendiert in einer Flüssigkeit.

Title (fr)

Procédé pour désagréger des particules solides agglomérées, en suspension dans un liquide.

Publication

EP 0472458 B1 19941228 (FR)

Application

EP 91402260 A 19910819

Priority

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Abstract (en)

[origin: EP0472458A1] In order to disintegrate agglomerated solid particles in suspension in a liquid, for example fines obtained during the reprocessing of nuclear fuels, this liquid is circulated under pressure in a venturi tube (44). The radial gradient of the velocities inside the latter induces shearing forces which break up the aggregates. The effect is increased by recirculating a proportion of the liquid into the venturi tube, which then functions as an ejector. The venturi tube is preferably positioned vertically, with the liquid circulating in the downward direction. A system with baffles can be placed at the exit of the venturi tube. <IMAGE>

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