

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

FR 9010476 A 19900820

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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IPC 8 full level

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