

Title (en)

METHOD AND DEVICE FOR ACCELERATION OF LIQUID AND BULK MATERIALS.

Title (de)

VERFAHREN ZUM BESCHLEUNIGEN VON FLÜSSIGEN UND AUFSCHUTTBAREN GÜTERN UND EINRICHTUNG ZU SEINER DURCHFÜHRUNG.

Title (fr)

PROCEDE ET DISPOSITIF D'ACCELERATION DE MATIERES LIQUIDES ET EN VRAC.

Publication

EP 0418401 B1 19951129 (DE)

Application

EP 90906435 A 19900214

Priority

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- SU 4666633 A 19890404

Abstract (en)

[origin: WO9011840A1] A method for acceleration of liquid and bulk materials provides for transforming the energy of the electromagnetic pulse of a generator (1) into the mechanical energy transmitted to the material to be processed by means of a laminated element (3) made of an electroconductive material and having at least one degree of freedom in the direction of its acceleration. The opposite surfaces of the laminated element (3) are brought, at the moment of generation of the electromagnetic pulse, into physical contact, respectively, with the radiator and the material to be processed. A device for implementing the method has a radiator (1) connected to an electromagnetic pulse generator (2), as well as a laminated element (3) made of an electroconductive material and loosely placed on the generator, whereby the surface of said element supports the material to be processed.

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