

Title (en)

Process and equipment for heating an electrically conductive liquid

Title (de)

Verfahren und Vorrichtung zum Aufheizen einer elektrisch leitfähigen Flüssigkeit

Title (fr)

Procédé et équipements pour le chauffage d'un liquide électriquement conducteur

Publication

EP 0732866 B1 20020220 (FR)

Application

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Priority

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- FR 9600737 A 19960123

Abstract (en)

[origin: EP0732866A1] The method involves plunging a heating device in the liquid. The heating device has an inductive circuit (12) electrically insulated from the liquid. The inductive circuit is supplied by an alternative current to induce Foucault currents in the electrolytic liquid. The liquid can be placed in a tank (10) made of electrically conductive material. The inductive circuit may be supplied at a frequency selected in such a way that the induced magnetic field will be confined outside the heating device. The heating device may have a system for cooling the inductive circuit.

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IPC 8 full level

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