

Title (en)

PROCESS FOR PRECISELY AND CONTINUOUSLY INJECTING A GASEOUS HALIDE COMPOUND INTO A LIQUID METAL

Publication

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Application

**EP 82420037 A 19820319**

Priority

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Abstract (en)

[origin: ES8306803A1] The invention relates to a process and an apparatus for the precise and continuous injection of a halogenated derivative, which is liquid at ambient temperature, into a liquid metal such as aluminum and aluminum-based alloys. The process involves withdrawing the halogenated substance from a tank, introducing it by means of a metering pump into a vaporizer which has been brought to a temperature at least equal to the vaporization temperature of the substance under the injection pressure, and entraining it in the vapor state by an inert gas stream towards an injection means opening into the center of the liquid metal.

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