

Title (en)

SLUDGE DISPOSAL FOR WATERJET CUTTING MACHINES WITH A FILTER SYSTEM

Title (de)

SCHLAMMENTSORGUNG BEI WASSERSTRAHLSCHNEIDMASCHINEN MIT EINEM FILTERSYSTEM

Title (fr)

ÉLIMINATION DES BOUES PRÉSENTES DANS UNE MACHINE DE DÉCOUPE PAR JET D'EAU À L'AIDE D'UN SYSTÈME DE FILTRATION

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Application

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Abstract (en)

[origin: WO2021013411A1] The invention relates to a method for operating a waterjet cutting system (1) in which a liquid-particle mixture produced as a result of a cutting process is supplied to a collection device (3) by means of a pump device (2). The invention is characterized in that the liquid-particle mixture is supplied to a filter system (4), and some of the particles from the liquid-particle mixture are deposited in the filter system (4) and are collected there. The remaining liquid-particle mixture reaches the pump device (2), and additionally the deposited particles are flushed out of the filter system (4) by means of the pump device (2) in specifiable time cycles.

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