

Title (en)

Method and device to increase the water depth of a watercourse

Title (de)

Verfahren und Vorrichtung zum Vergrössern der Wassertiefe eines Gewässers

Title (fr)

Méthode et dispositif pour augmenter la profondeur des cours d'eau

Publication

**EP 0548707 B1 19960403 (DE)**

Application

**EP 92121125 A 19921211**

Priority

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- DE 4226492 A 19920811

Abstract (en)

[origin: EP0548707A1] The invention relates to a method of increasing the water depth of a watercourse, in which bed material of the watercourse bed is removed or carried away, preferably swirled up and drawn off. Furthermore, the invention relates to a device for increasing the water depth of a watercourse, which has a means capable of acting on the bed material of the watercourse bed for removing or carrying away bed material, preferably a swirling and/or suction means, preferably for carrying out the aforesaid method. The object of the invention is to show a method and a device of the generic category mentioned at the beginning which enable the water depth of a watercourse to be increased even in the case of a relatively harder watercourse bed. The object is achieved according to the invention by resistant bed material being weakened. In the solution according to the invention of the set object, a device according to the invention is distinguished by a high-pressure jet means (6) for forming at least one high-pressure jet which can be directed against the watercourse bed (1), comprising at least one high-pressure pump and at least one high-pressure nozzle. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

GB2403974A; EP1609916A3; EP0860556A1; NL1005330C2; NL9400551A; AU688485B2; WO9935345A1; US6874261B2; WO9527832A1

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