

## Title (en)

A METHOD OF CARRYING OUT RENOVATION WORKS IN MELIORATION DITCHES AND A MULTIFUNCTION DEVICE FOR IMPLEMENTATION OF THE METHOD

## Title (de)

VERFAHREN ZUR DURCHFÜHRUNG VON SANIERUNGSARBEITEN IN MELIORATIONSGRÄBEN UND MULTIFUNKTIONELLE VORRICHTUNG ZUR DURCHFÜHRUNG DIESER VERFAHRENS

## Title (fr)

PROCÉDÉ DE RÉALISATION DE TRAVAUX DE RÉNOVATION DANS DES FOSSÉS D'AMÉLIORATION ET DISPOSITIF MULTIFONCTION POUR LA MISE EN OEUVRE DU PROCÉDÉ

## Publication

**EP 2820194 A1 20150107 (EN)**

## Application

**EP 12716704 A 20120329**

## Priority

- PL 39830312 A 20120302
- PL 2012000020 W 20120329

## Abstract (en)

[origin: WO2013129950A1] A method of carrying out renovation works in melioration ditches by means of a multifunction device, that can move inside a ditch space and avoid terrain obstacles occurring in this space, especially including trees and bushes growing on a ditch slope, a ditch bank or a ditch bottom. It is intended for works related to care for melioration ditches and channels and keeping them in a state of technical functionality. The device comprises one-track travel chassis (2), situated under the main frame (13) in its symmetry axis, whereas the side supports (5) with the supporting wheels (4) are situated on both sides of the main frame (13), while the front tool suspension unit (10) and the hydraulic manipulator (11) are situated in front of the travel chassis (2), whereas the hydraulic manipulator (11) is mounted on the main frame (13), above the front tool suspension unit (10), and there is the tool turn-table (14) at the end of the hydraulic manipulator (11), and furthermore, the rear tool suspension unit (15) is situated behind the travel chassis (2), and the operator cab (11) is situated on the main frame (13), between the hydraulic manipulator (11) and the side supports (5), and the motor aggregate (16) is situated behind the side supports (5).

## IPC 8 full level

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## Citation (search report)

See references of WO 2013129950A1

## Citation (examination)

- WO 9300789 A1 19930121 - LAITILAN METALLI LAINE OY [FI]
- JP S5976335 A 19840501 - UBE INDUSTRIES
- US 4872275 A 19891010 - BECKETT ORVAL D [US], et al

## Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

## Designated extension state (EPC)

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