

Title (en)
Weeding procedure for a railway vehicle

Title (de)
Verfahren zur Unkrautbekämpfung für ein Schienenfahrzeug

Title (fr)
Procédé de désherbage pour véhicule ferroviaire

Publication
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Application
EP 02777582 A 20021030

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Abstract (en)
[origin: WO2004005625A1] The subject matter of the invention is a connection arrangement of a weeding machine mounted onto a railway vehicle which is provided with a weed recognising camera, a PC connected to it for recognition of weeds, a meteorological unit, the said units are connected to a control PC. The control PC is connected to a control panel, which in turn is connected to a spraying unit through an electronic control unit and a dosing unit. The spraying unit consists of a water tank, a pump, a flow meter, a control valve, a spraying frame provided with an axle and nozzles furthermore a chemical agent tank, a chemical agent pump and a flow-meter of chemical agent, all the units are connected together. The connection arrangement is containing a species recognising camera connected to a species recognising PC and relief following laser camera connected to a relief following PC and is containing a pre-spraying unit and a spraying unit. The subject matter of the invention is furthermore a procedure for weeding with the above connection arrangement.

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Cited by
EP3403899A1; EP3358525A1; WO2018141995A1; WO2018210702A1; EP4245636A1; US11109585B2; AU2018224459B2; US11071991B2; AU2018215728B2; CN110612242A; KR20190126060A; CN110520896A; AU2018216246B2; EP2728068A1; US11085156B2; US11492770B2; US11885085B1

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