

Title (en)
Mobile device for the treatment of a surface

Title (de)
Mobile Vorrichtung zur Oberflächenbehandlung

Title (fr)
Appareil mobile pour traitement de surface

Publication
EP 1624113 A3 20060920 (EN)

Application
EP 05076812 A 20050804

Priority
NL 1026793 A 20040805

Abstract (en)
[origin: EP1624113A2] A mobile device for treating a surface makes use of a liquid which is sprayed on the surface under high pressure using one or more spray heads (5). The device comprises an optionally self-propelling chassis (2) with a first reservoir (401) for the liquid and first pumping means (504) for guiding the liquid under increased pressure to the spray head. Recovery means (7) are herein provided for taking up contaminated liquid from the surface and storing it in a second reservoir (402). A purifying installation is able to make recovered liquid suitable for re-use. The purifying installation comprises first filter means (700,701) for filtering particles having at least a first size and second filter means (702) for filtering particles having at least a second, smaller size. A buffer reservoir (403) is arranged between a filtrate outlet (713) of the first filter means and an inlet (721) of the second filter means.

IPC 8 full level
E01H 1/10 (2006.01)

CPC (source: EP)
E01H 1/103 (2013.01)

Citation (search report)
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• [YA] DE 4200064 A1 19930708 - HAKO GMBH & CO [DE]
• [X] US 5704989 A 19980106 - PAGE THOMAS A [US], et al

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CN108585121A; CN108104035A; CN102733291A; CN103993572A; WO2010061222A1

Designated contracting state (EPC)
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