

Title (en)  
SUCTION DREDGER

Publication  
**EP 0368129 B1 19930804 (DE)**

Application  
**EP 89120239 A 19891101**

Priority  
DE 3837670 A 19881105

Abstract (en)  
[origin: EP0368129A1] In order to be able to raise soil above soil-covered lines in a controlled manner, a dredger is provided which consists of a pneumatic suction pipe, a hollow cylindrical tool (10), forming the suction piece of the latter, for breaking up the soil, a collecting vessel (2) for the sucked-up soil into which the suction pipe (3) opens and in which the soil is deposited from the stream of suction air, an extractor fan (4) adjoining the collecting vessel, and at least one filter (22) arranged between the opening of the suction pipe into the collecting vessel, and the extractor fan.  
<IMAGE>

IPC 1-7  
**E02F 3/88**; **E02F 3/90**; **E02F 3/92**; **E02F 5/28**

IPC 8 full level  
**E02F 3/88** (2006.01); **E02F 3/90** (2006.01); **E02F 3/92** (2006.01); **E02F 3/94** (2006.01); **E02F 5/00** (2006.01); **E02F 5/28** (2006.01)

CPC (source: EP)  
**E02F 3/88** (2013.01); **E02F 3/8825** (2013.01); **E02F 3/90** (2013.01); **E02F 3/9275** (2013.01); **E02F 3/94** (2013.01); **E02F 5/003** (2013.01); **E02F 5/287** (2013.01)

Citation (examination)  
• GB 2095126 A 19820929 - HEAT PUMPS W R LTD  
• US 2513174 A 19500627 - HESS FREDERIC O

Cited by  
EP3575497A1; FR2749866A1; CN114232704A; FR2789414A1; CN113957941A; CN115075322A; RU2645390C1; CN112796361A; US6112439A; EP0878585A3; EP1464762A1; FR2822862A1; CN109653280A; EP0613983A1; US5425188A; EP1571341A1; FR2975088A1; EP3361009A1; DE19851111C1; EP0794291A1; DE19608782A1; CN113653117A; DE202010007463U1; US6718660B2; WO0047831A1; US10752146B2; US11142886B2

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