

Title (en)  
SPRAYING AND EXTRACTING APPARATUS

Publication  
**EP 0292900 B1 19930317 (DE)**

Application  
**EP 88108190 A 19880521**

Priority  
DE 3718166 A 19870529

Abstract (en)  
[origin: ES1006665U] Fregadora automatic sliding with tanks for cleaning agent and dirt (3, 16) incorporated, with a spray nozzle (28) for applying cleaning agent on a surface to be cleaned, and with a suction nozzle ( 29) for reabsorption cleaning agent applied, being built vessel cleaning agent (3) together with a pressure pump (2) relating to the implementation of cleaning agent in a chassis (1) displaceably erigible assisted a drawbar (6), wherein the chassis (1) has a receiver (14) for a suction group (15) with the dirt cup (16) integrated and a coupling (18) for holding a nozzle arrangement spraying and suction nozzles (20) carrying a roll forward (19) itself. (Machine-translation by Google Translate, not legally binding)

IPC 1-7  
**A47L 11/34**

IPC 8 full level  
**A47L 11/34** (2006.01)

CPC (source: EP US)  
**A47L 11/34** (2013.01 - EP US); **A47L 11/4044** (2013.01 - EP US)

Cited by  
DE4014085C1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

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**EP 0292900 A2 19881130; EP 0292900 A3 19900207; EP 0292900 B1 19930317**; AT E86838 T1 19930415; DE 3718166 A1 19881215; DE 3879272 D1 19930422; ES 1006665 U 19890101; ES 1006665 Y 19890716; ES 2041732 T3 19931201; JP S645514 A 19890110; US 4953254 A 19900904

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**EP 88108190 A 19880521**; AT 88108190 T 19880521; DE 3718166 A 19870529; DE 3879272 T 19880521; ES 8801720 U 19880527; ES 88108190 T 19880521; JP 13426888 A 19880530; US 45184489 A 19891215