

Title (en)
SUCTION CLEANER

Publication
EP 0529805 A3 19930512 (EN)

Application
EP 92306845 A 19920727

Priority
GB 9116200 A 19910726

Abstract (en)
[origin: EP0529805A2] A suction cleaner comprises a dust bag 20 and an air filter 19 supported by a carrier 22 which is removable from a wet pick-up bucket 21 of the cleaner so that the function of the cleaner can be converted from dry pick-up to wet pick-up or washing. The carrier 22 comprises a foot 92 enabling it to be set down on the floor during the wet pick-up and washing function of the cleaner, without the dust bag 20 or filter 19 coming into contact with the floor and without risk of dust spilling from the bag 20. The cleaner further comprises a cleaning fluid dispensing system mounted in the hand-grip of the suction hose for dispensing shampoo cleaning fluid during the washing function of the cleaner. The dispensing system comprising a container divided into two compartments 36, 34 by a rollingwall type of diaphragm 64, the first compartment 36 forming a reservoir for the cleaning fluid and having an outlet 60, and the second compartment 34 having an inlet 58 for water under pressure. <IMAGE>

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Citation (search report)
• DE 4014219 A1 19901122 - SIEMENS AG [DE]
• DE 3436064 A1 19860403 - KAERCHER GMBH & CO ALFRED [DE]
• DE 8905958 U1 19900913
• DE 8633220 U1 19870212
• EP 0176697 A2 19860409 - KAERCHER GMBH & CO ALFRED [DE]
• EP 0297526 A2 19890104 - THOMAS ROBERT METALL ELEKTRO [DE]
• DE 8715687 U1 19890323
• US 4827562 A 19890509 - BLASE MICHAEL R [US], et al

Cited by
CN112930132A; FR2798276A1; CN104244791A; EP1195127A3; US6134744A; US6041472A; US10548450B2; US10052003B2; US10045674B2; WO0117415A1; WO2015000504A1; US6279196B2; US6192549B1; DE102016214459A1; DE102016214459B4; US10064530B2; US10820767B2; US11910992B2

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