

Title (en)  
Applicator device for carrying on the back

Title (de)  
Rucksack-Auftragegerät

Title (fr)  
Dispositif applicateur se transportant sur le dos

Publication  
**EP 1360924 A3 20040609 (DE)**

Application  
**EP 03014976 A 20000303**

Priority  
• DE 19911131 A 19990312  
• EP 00912541 A 20000303

Abstract (en)  
[origin: WO0054647A1] The invention relates to a device for applying flowing media to a surface. Said device comprises a container (1) for the media with at least one opening (2, 3) which is located above the surface and can be deaerated and a mopping or applicator device (5) which is attached to a handle (4). In addition, the device has a flow-regulating hose (6) which can be shut off, for conveying the media from the container (1) by force of gravity to an outlet on the mopping or applicator device (5). In addition, the device has a portable unit which is worn on the back, comprising supporting and fixing straps (8) and a mounting plate (9) which is fitted to said unit and which has a rapid-action coupling device. The container has (1) a resealable exit opening at one end (2) with a connecting sleeve and a resealable fill opening (3) at the opposite end, in addition to a hose adapter (11) which can be connected to the connecting sleeve of the exit opening (2). Said adapter has a shut-off device (12) and a rapid-action coupling (13) for the hose with a drip-protection unit.

IPC 1-7  
**A47L 13/22**

IPC 8 full level  
**F16D 3/20** (2006.01); **A46B 11/00** (2006.01); **A46B 11/04** (2006.01); **A47L 1/08** (2006.01); **A47L 13/22** (2006.01); **A47L 13/26** (2006.01); **A47L 13/30** (2006.01); **F16D 3/223** (2006.01); **F16D 3/224** (2006.01)

CPC (source: EP US)  
**A46B 11/063** (2013.01 - EP US); **A46B 17/02** (2013.01 - EP US); **A47L 13/22** (2013.01 - EP US); **A47L 13/30** (2013.01 - EP US); **A46B 2200/302** (2013.01 - EP US); **A46B 2200/3033** (2013.01 - EP US)

Citation (search report)  
• [XY] US 4971471 A 19901120 - SLOAN DAVID B [US]  
• [YA] US 4848660 A 19890718 - O'CONNELL MARK E [US]  
• [YA] DE 3905760 A1 19900222 - HENKEL KGAA [DE]  
• [Y] FR 2639818 A1 19900608 - ROCHEX [FR]  
• [Y] DE 19707467 A1 19971030 - FICHTNER KARL HEINZ [DE]  
• [A] GB 2178303 A 19870211 - PUTT RONALD ARTHUR  
• [DA] US 4152084 A 19790501 - LORCH GLENN G [US], et al  
• [A] US 2083039 A 19370608 - SEARLS EDWARD M

Cited by  
CN110710938A

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0054647 A1 20000921**; AT E250383 T1 20031015; AT E369067 T1 20070815; DE 19911131 C1 20010118; DE 50003832 D1 20031030; DE 50014552 D1 20070920; DK 1161173 T3 20031215; EP 1161173 A1 20011212; EP 1161173 B1 20030924; EP 1360924 A2 20031112; EP 1360924 A3 20040609; EP 1360924 B1 20070808; US 2004033101 A1 20040219; US 2005019085 A1 20050127; US 2006024119 A1 20060202; US 2009257812 A1 20091015; US 6550998 B1 20030422; US 6799916 B2 20041005; US 6951430 B2 20051004; US 7621686 B2 20091124; US 7670073 B2 20100302

DOCDB simple family (application)  
**EP 0001832 W 20000303**; AT 00912541 T 20000303; AT 03014976 T 20000303; DE 19911131 A 19990312; DE 50003832 T 20000303; DE 50014552 T 20000303; DK 00912541 T 20000303; EP 00912541 A 20000303; EP 03014976 A 20000303; US 20480505 A 20050815; US 40741203 A 20030404; US 48790109 A 20090619; US 91181004 A 20040804; US 93614101 A 20010907