

Title (en)
Filling nozzle for a filling machine

Title (de)
Füllventil für eine Füllmaschine

Title (fr)
Buse de remplissage pour une machine de remplissage

Publication
EP 1314685 A2 20030528 (EN)

Application
EP 02425702 A 20021115

Priority
IT BO20010724 A 20011127

Abstract (en)
Fluid products are dispensed from a device (1) with a tubular nozzle (5) of which the filler outlet (7) incorporates a system (19) designed so that droplets of condensate and/or particles of the fluid product collecting on the nozzle (5) will be carried away and drained off outside the actual filling area (8). <IMAGE>

IPC 1-7
B67C 3/26

IPC 8 full level
B67C 3/26 (2006.01)

CPC (source: EP)
B67C 3/2611 (2013.01)

Citation (applicant)
• US 5267591 A 19931207 - WAKABAYASHI SHIGERU [JP], et al
• US 6105634 A 20000822 - LIEBRAM UDO [DE], et al
• JP H10101025 A 19980421 - SHIKOKU KAKOKI CO LTD
• JP H0577891 A 19930330 - JAPAN TOBACCO INC
• US 4964444 A 19901023 - HANERUS GOERAN [SE], et al

Cited by
CN107376424A; CN111252720A; CN114476231A; CN114751352A

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