

Title (en)
Small dispensers.

Title (de)
Kleine Austragsvorrichtungen.

Title (fr)
Distributeurs miniatures.

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Application
EP 90401921 A 19900703

Priority
FR 8908941 A 19890704

Abstract (en)
[origin: EP0408421A1] The invention essentially relates to hand-held dispensers designed around miniature metering pumps of known type having a piston (3) carrying an axial spray nozzle together with a vent to the open air, and which are injection moulded. <??>The pump body (2) engages in a receptacle (1), its collar (2b), which rests on the upper edge of the latter and is immobilised beneath the internal flange (4b), forming a cover, of an outer sleeve (4) fitted tightly by radially gripping its lower skirt (4a) on an external bearing surface of the receptacle (1). <??>Assembly is carried out after filling and the vent then serves as a purge. <??>These devices are intended, for example, for dispensing medicaments used at very low doses or even for perfume samples in a form which is both convenient and very economical. <IMAGE>

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Cited by
FR2719292A1; US5845819A; US2010199606A1; US8646245B2; US6240979B1; WO9915424A1; WO9529760A1; EP2170527B2

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