

Title (en)  
HAND HOLDABLE PUMP SPRAY APPARATUS

Title (de)  
VON HAND BETÄTIGBARES PUMP-SPRÜHGERÄT

Title (fr)  
APPAREIL PORTATIF DE VAPORISATION A POMPE

Publication  
**EP 1254072 A1 20021106 (EN)**

Application  
**EP 00984023 A 20001207**

Priority  
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Abstract (en)  
[origin: WO0142129A1] A hand holdable pump spray apparatus is disclosed where the pump mechanism is in the hand holdable wand (14) rather than in a spaced apart liquid container. The wand (14) may be held with one handle (54) is extended with other hand. This creates a pressure differential which allows liquid to flow from the container (10), passed a check valve (84) and into the wand (14). After filling, a biased spring provides a force against the liquid creating a higher pressure in the wand (14) than ambient pressure. This closes the check valve (84). When an operator depresses an actuator (68), another valve (88) opens allowing the liquid in the wand (14) to be ejected through a nozzle (66).

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