

Title (en)
Trigger-type sprayer with stopper member

Title (de)
Hebelbetätigter Zerstäuber mit Stoppteil

Title (fr)
Pulvérisateur à gâchette avec dispositif d'arrêt

Publication
EP 1317963 A1 20030611 (EN)

Application
EP 02023623 A 20021018

Priority
JP 2001373167 A 20011206

Abstract (en)
A sprayer eliminating the probability of loss of the stopper member which blocks the turn of the trigger lever, enabling the stopper member to be easily operated by one hand thus improving operability. A piston (21) is constituted by a first piston (18) and a second piston (22) coupled thereto in a manner to cover it. The second piston is covered by a pushing member (27). A stopper member (25) is provided to turn about the pushing member between a locking position and an unlocking in the direction in which the piston reciprocates. The pushing member has a hitting protuberance (27d) that hits the stopper member when the stopper member is turned to the locking position, and the stopper member has an escaping recess that escapes the hitting protuberance when the stopper member is turned to the unlocking position. When the stopper member is turned to the locking position, the pushing member is blocked from being pushed down. When the stopper member is turned to the unlocking position, the blocked state is reset. <IMAGE>

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CPC (source: EP KR)
B05B 9/01 (2013.01 - KR); **B05B 11/1014** (2023.01 - EP); **B05B 11/1023** (2023.01 - EP); **B05B 11/1059** (2023.01 - EP)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 08 30 June 1999 (1999-06-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 06 30 April 1998 (1998-04-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 07 31 July 1997 (1997-07-31)

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