

Title (en)
HAND PUMP SPRAYER FOR LIQUIDS.

Title (de)
HANDBETÄTIGTER PUMPENZERSTÄUBER.

Title (fr)
PULVERISATEUR DE LIQUIDES MUNI D'UNE POMPE A MAIN.

Publication
EP 0472580 B1 19941123

Application
EP 90907373 A 19900511

Priority

- IT 2053389 A 19890517
- IT 2200589 U 19891026
- IT 9000051 W 19900511

Abstract (en)
[origin: WO9014167A1] A hand pump sprayer for liquids applicable on a container (2) by screwing on with a threaded ring nut (6) round the neck (7) of the container, engaging means (14, 15; 14', 15') being foreseen on the body of the sprayer (1) and on the container (2), to prevent any relative rotation between these elements.

IPC 1-7
B05B 11/00

IPC 8 full level
B05B 11/00 (2006.01)

CPC (source: EP)
B05B 11/1045 (2023.01); **B05B 11/1057** (2023.01)

Designated contracting state (EPC)
CH FR GB LI NL SE

DOCDB simple family (publication)
WO 9014167 A1 19901129; AU 5646190 A 19901218; EP 0472580 A1 19920304; EP 0472580 B1 19941123

DOCDB simple family (application)
IT 9000051 W 19900511; AU 5646190 A 19900511; EP 90907373 A 19900511