

Title (en)
AID FOR OPENING AMPOULES

Publication
EP 0332914 B1 19920304 (DE)

Application
EP 89103415 A 19890227

Priority
DE 3808308 A 19880312

Abstract (en)
[origin: JPH0271743A] PURPOSE: To discharge all amount of the content quickly with small amount of rinsing by providing a membrane at the lower end of a sleeve. CONSTITUTION: A funnel shaped sleeve 3 has a membrane 4 supported by webs of at least 2 or preferably 3 at the neck of the lower end of the funnel shape, and the sleeve 3 is welded to an ampule 2. The body 2 of the ampule and the sleeve 3 are connected by a screw 6. By turning the ampule body 2, the membrane cracks open and a round shaped opening 8 comes out. By continuing to turn the ampule body 2, as the material of the membrane is being removed, free flow of the liquid contained in the ampule is not obstructed.

IPC 1-7
B65D 51/22

IPC 8 full level
B65D 51/20 (2006.01); **A61J 1/06** (2006.01); **A61M 5/315** (2006.01); **B01L 3/00** (2006.01); **B65D 51/22** (2006.01)

CPC (source: EP US)
B01L 3/569 (2013.01 - EP US); **B65D 51/228** (2013.01 - EP US); **B65D 2251/0015** (2013.01 - EP US); **B65D 2251/0096** (2013.01 - EP US); **Y10S 215/902** (2013.01 - EP US)

Citation (examination)
EP 0331798 A2 19890913 - INT PAPER CO [US]

Cited by
EP0556624A3; FR2665647A1

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