

Title (en)
BLOW-OUT CONTAINER

Title (de)
BEHÄLTER ZUM AUSBLASEN EINER FLÜSSIGKEIT

Title (fr)
RECIPIENT D'EJECTION DE LIQUIDE

Publication
EP 0864371 A4 20001227 (EN)

Application
EP 97943127 A 19971001

Priority

- JP 9703495 W 19971001
- JP 28183496 A 19961003
- JP 12497597 A 19970428
- JP 12625297 A 19970430
- JP 17640797 A 19970617
- JP 21709597 A 19970728
- JP 24611497 A 19970827

Abstract (en)
[origin: WO9814279A1] A blow-out container for blowing out a liquid in a liquid reservoir through a blow-out portion, wherein the liquid reservoir and the blow-out portion are communicated together through a liquid flow passage, an elastic valve with a slit is disposed at the blow-out portion, an engaging means is provided so that the elastic valve will not be detached from the blow-out portion, and the liquid reservoir is so designed as to change its volume depending upon the use of the liquid.

IPC 1-7
B05C 17/00; **B05B 11/04**; **B05B 9/00**; **B05B 1/32**; **B05B 11/00**

IPC 8 full level
B05B 1/32 (2006.01); **B05B 11/00** (2006.01); **B05B 11/04** (2006.01); **B05B 15/02** (2006.01); **B05B 15/50** (2018.01); **B65D 47/20** (2006.01); **B65D 51/16** (2006.01)

CPC (source: EP US)
B05B 11/00444 (2018.07 - EP); **B05B 11/0067** (2013.01 - EP US); **B05B 11/0072** (2013.01 - EP); **B05B 11/0075** (2013.01 - EP); **B05B 11/047** (2013.01 - EP); **B05B 11/1016** (2023.01 - EP US); **B05B 15/50** (2018.01 - EP US); **B65D 47/2068** (2013.01 - EP); **B65D 51/1616** (2013.01 - EP); **B65D 51/1644** (2013.01 - EP); **B05B 11/1035** (2023.01 - EP)

Citation (search report)

- [X] US 5186368 A 19930216 - GARCIA FIRMIN [FR]
- [XA] WO 9619389 A1 19960627 - PENTEL KK [JP], et al
- [A] US 5431310 A 19950711 - KANNER ROWLAND W [US], et al
- [A] US 4429834 A 19840207 - ITO KAZUO [JP]
- See references of WO 9814279A1

Cited by
EP1327478A1; FR2963329A1; FR2857342A1; FR2862949A1; FR2974742A1; CN103534036A; EP1637232A1; KR100855841B1; CN108136425A; FR2982850A1; FR2988016A1; CN104114456A; CN104203426A; US6991139B2; US6824021B2; US7886941B2; US9345616B2; US8454828B2; WO2012150409A1; WO2020014021A1; WO2007104327A1; WO2017060227A3; US9592934B2; US9833356B2; US7654419B2; US10315209B2; WO2008028619A1; WO2005007535A1; WO2013072635A1; WO2013075951A1; WO2013140069A1; EP2130610B2

Designated contracting state (EPC)
FR

DOCDB simple family (publication)
WO 9814279 A1 19980409; EP 0864371 A1 19980916; EP 0864371 A4 20001227

DOCDB simple family (application)
JP 9703495 W 19971001; EP 97943127 A 19971001