

Title (en)
Dispenser for foaming a liquid product.

Title (de)
Spender zum Verschäumen eines flüssigen Füllguts.

Title (fr)
Distributeur pour faire mousser un produit liquide.

Publication
EP 0449774 B1 19931103 (DE)

Application
EP 91810181 A 19910320

Priority
DE 4009574 A 19900324

Abstract (en)
[origin: US5156307A] The dispenser has a circular mixing chamber (8) which is arranged immediately in front of a mixing nozzle (7). A first channel (15) leads to the mixing chamber (8) which is connected with a rising pipe which is immersed in the filled material of a squeezable container. Simultaneously, a second channel (9) leads into the mixing chamber which is connected to the air space above the filled material. A sieve arranged in the outlet channel (19) at a distance after the mixing nozzle which completely covers the outlet channel under the effect of the pressure of the filled material flowing out when the container (1) is squeezed. With release of the container, the sieve partially releases the outlet channel under the suction effect of the air return flow. With that, the container is rapidly ready for a renewed press sequence.

IPC 1-7
B05B 7/00

IPC 8 full level
B05B 7/00 (2006.01); **B05B 7/10** (2006.01); **B05B 11/00** (2006.01); **B05B 11/04** (2006.01)

CPC (source: EP US)
B05B 7/0031 (2013.01 - EP); **B05B 7/0037** (2013.01 - EP US); **B05B 7/10** (2013.01 - EP US); **B05B 11/0027** (2013.01 - EP US); **B05B 11/0059** (2013.01 - EP US); **B05B 11/043** (2013.01 - EP US); **B05B 11/045** (2013.01 - EP US)

Cited by
CN110786345A; US8087548B2; WO2014008274A1; WO2009139862A3

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AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0449774 A2 19911002; **EP 0449774 A3 19911211**; **EP 0449774 B1 19931103**; AT E96699 T1 19931115; DE 59100542 D1 19931209; US 5156307 A 19921020

DOCDB simple family (application)
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