

Title (en)  
DISPENSING APPARATUS FOR FLOWABLE MATTER

Publication  
**EP 0280645 B1 19900627 (DE)**

Application  
**EP 88810025 A 19880120**

Priority  
DE 3705741 A 19870223

Abstract (en)  
[origin: US4854482A] A device for dispensing metered quantities of flowable multi-component masses includes a housing with separate chambers, each containing a flexible bag with one component of the multi-component mass. Material is pressed out of the bags by a liquid propellant supplied from a reservoir in the housing to the chambers by gear wheel pumps located in a conduit connecting the reservoir to the chambers. The pumps are connected to a common drive so that the mixture ratio of the components is exactly maintained for any desired amount to be dispensed.

IPC 1-7  
**B05C 17/00**

IPC 8 full level  
**B01F 15/04** (2006.01); **B05C 17/00** (2006.01); **B05C 17/005** (2006.01); **B05C 17/015** (2006.01)

CPC (source: EP US)  
**B05C 17/005** (2013.01 - EP US); **B05C 17/00513** (2013.01 - EP US); **B05C 17/00516** (2013.01 - EP US); **B05C 17/00553** (2013.01 - EP US); **B05C 17/00583** (2013.01 - EP US); **B05C 17/015** (2013.01 - EP US)

Citation (examination)  
US 3938709 A 19760217 - COLLAR ROLAND W

Cited by  
CN101972733A; EP2198949A1; CN105057180A; US5025959A; EP0607102A1; EP1737741A4; US8789725B2; WO2010070106A1

Designated contracting state (EPC)  
AT CH DE FR GB LI SE

DOCDB simple family (publication)  
**EP 0280645 A1 19880831; EP 0280645 B1 19900627**; AT E54073 T1 19900715; DE 3705741 A1 19880901; DE 3860251 D1 19900802; JP S63232830 A 19880928; US 4854482 A 19890808

DOCDB simple family (application)  
**EP 88810025 A 19880120**; AT 88810025 T 19880120; DE 3705741 A 19870223; DE 3860251 T 19880120; JP 3765888 A 19880222; US 15932588 A 19880223