

Title (en)
DEVICE FOR MIXING AND APPLYING LIQUID OR PASTY SUBSTANCES

Publication
EP 0213073 B1 19891004 (DE)

Application
EP 86810345 A 19860806

Priority
• CH 19386 A 19860117
• CH 345685 A 19850812

Abstract (en)
[origin: US4690306A] A dispensing device comprises a cartridge unit with at least two chambers containing liquid or pasty substances and pistons therein being connected with each other by at least one blade adapted for cutting through a dividing wall, between two chambers and separating their contents, only one piston assembly being required which can be operated with a propellant under excess pressure preferably not exceeding 6 bars. As no piston rod is required the construction of the device is very compact. In a first step for actuating the pistons, the cartridge unit is moved forward toward an exit end of the device bearing a discharge nozzle whereby valves in the device are opened and contents from the cartridge unit are conveyed to the discharge nozzle. After each discharge a restoring element returns the cartridge unit to a rearward end position whereby the valves are closed and no contents can leak from the cartridge.

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B05C 17/00; **B65D 81/32**

IPC 8 full level
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CPC (source: EP US)
B05C 17/00513 (2013.01 - EP US); **B05C 17/00516** (2013.01 - EP US); **B05C 17/00553** (2013.01 - EP US); **B05C 17/00559** (2013.01 - EP US); **B05C 17/0106** (2013.01 - EP US); **B05C 17/0123** (2013.01 - EP US); **B05C 17/015** (2013.01 - EP US); **B65D 81/325** (2013.01 - EP US); **B05C 17/01** (2013.01 - EP US)

Cited by
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