

Title (en)  
Handgun mixer.

Title (de)  
Hand-Mischpistole.

Title (fr)  
Pistolet à main mélangeur.

Publication  
**EP 0057465 A2 19820811 (DE)**

Application  
**EP 82100737 A 19820202**

Priority  
DE 3103610 A 19810203

Abstract (en)  
1. A hand mixing gun for the simultaneous extrusion of two low to highly viscous liquids out of a cartridge device containing two liquids separately, in which cartridge device a discharge piston (2) is displaceable for each liquid, with a receiver for the cartridge device, a mixing tube (4) to which the outlets of the cartridge device can be connected and which has an outlet nozzle (6) for the mixed liquids, two piston rods (3) which can be pushed into the cartridge device from the side opposite to the outlets of the cartridge device to push the discharge pistons (2) forwards and a drive motor (9) to move the piston rods (3), wherein the cartridge receiver is adapted to store two cartridges side by side, characterized in that a change-speed gear (8) is provided, which permits the drive of the two discharge pistons (2) at feed speeds, the ratio of which to one another can be preset in order to produce a desired mixing proportion of the two liquids.

Abstract (de)  
Gegenstand der Erfindung ist eine Hand-Mischpistole für Klebstoffverdichtungsmassen und dergleichen, die aus zwei Komponenten erst unmittelbar vor dem Auftrag zusammengemischt werden. Zu diesem Zweck besitzt die Pistole eine Aufnahme für zwei handelsübliche, die beiden Komponenten getrennt enthaltende Kartuschen und einen Antrieb mit einstellbarem Wechselgetriebe, der es erlaubt, je nach dem für die beiden Komponenten erforderlichen Mischungsverhältnis die beiden Vorschubkolben der beiden Kartuschen mit unterschiedlicher Geschwindigkeit vorzuschieben.

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

IPC 8 full level  
**B05C 17/00** (2006.01); **B05C 17/005** (2006.01); **B05C 17/01** (2006.01); **B05C 17/015** (2006.01)

CPC (source: EP)  
**B05C 17/00553** (2013.01); **B05C 17/00566** (2013.01); **B05C 17/0103** (2013.01); **B05C 17/015** (2013.01); **B01F 2101/2305** (2022.01)

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

DOCDB simple family (publication)  
**EP 0057465 A2 19820811**; **EP 0057465 A3 19821013**; **EP 0057465 B1 19840919**; AT E9448 T1 19841015; DE 3103610 A1 19820819; DK 44782 A 19820804; NO 820314 L 19820804

DOCDB simple family (application)  
**EP 82100737 A 19820202**; AT 82100737 T 19820202; DE 3103610 A 19810203; DK 44782 A 19820202; NO 820314 A 19820202