

Title (en)  
DEVICE FOR FILLING BOREHOLES

Publication  
**EP 0054156 B1 19840808 (DE)**

Application  
**EP 81109033 A 19811027**

Priority  
DE 3047312 A 19801216

Abstract (en)  
[origin: US4452285A] In a dispensing device for filling boreholes with a single or multi-component adhesive, filler, sealer or primer, the material is conveyed from storage containers holding the individual components through a supply pipe and an outlet nozzle which dispenses the material directly into the borehole. By manually operating a handle lever, material is displaced out of the storage container into the supply pipe. Further, an actuating unit operated by the handle lever is connected to the outlet nozzle for telescoping it relative to the supply pipe whereby material is displaced out of the supply pipe through the outlet nozzle into the borehole.

IPC 1-7  
**B05C 17/00**; **E04F 21/30**

IPC 8 full level  
**B05C 17/00** (2006.01); **B05C 17/005** (2006.01); **E04F 21/30** (2006.01)

CPC (source: EP US)  
**B05C 17/00516** (2013.01 - EP US); **B05C 17/00553** (2013.01 - EP US); **B05C 17/00596** (2013.01 - EP); **B05C 17/0126** (2013.01 - EP US)

Cited by  
FR2532862A1; EP0221682A1; EP0150738A3; US5376079A; US5520658A; US6585696B2; WO9306940A1

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

DOCDB simple family (publication)  
**EP 0054156 A1 19820623**; **EP 0054156 B1 19840808**; AT E8851 T1 19840815; CA 1179875 A 19841227; DE 3047312 A1 19820729; DE 3047312 C2 19891019; US 4452285 A 19840605

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