

Title (en)  
DRAIN MATERIAL HOLDING APPARATUS FOR BOARD DRAIN PROCESS

Publication  
**EP 0233312 B1 19900718 (EN)**

Application  
**EP 86111910 A 19860828**

Priority  
JP 2139186 U 19860217

Abstract (en)  
[origin: EP0233312A2] Disclosed is a drain material holding apparatus for use to carry out a board drain method, in which a pushing rod is inserted into a hollow mandrel provided with an openable/closable cover attached on its lower end so that a drain material can be grasped between the openable/closable cover and an end surface of the pushing rod when the openable/closable cover is rotated in the direction to close a drain material insertion through hole formed in the mandrel.

IPC 1-7  
**E02D 3/10**

IPC 8 full level  
**E02D 3/10** (2006.01)

CPC (source: EP)  
**E02D 3/103** (2013.01)

Cited by  
RU2741283C2; NL1033363C2; US6971875B2; GB2325947A; NL1019619C2; EP1323868A1; CN116876465A; US7566188B2; US7736091B2; WO2008037808A3; WO2008082294A1; WO2008037805A1; WO9855700A1

Designated contracting state (EPC)  
FR NL SE

DOCDB simple family (publication)  
**EP 0233312 A2 19870826; EP 0233312 A3 19871007; EP 0233312 B1 19900718**; JP H0621946 Y2 19940608; JP S62133728 U 19870822

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