Title (en)

## SAFETY PLUG FOR DISCHARGE PIPES

Publication

EP 0362831 A3 19910109 (DE)

Application

EP 89118434 A 19891004

Priority

DE 8812626 U 19881007

Abstract (en)

[origin: EP0362831A2] A safety plug for discharge pipes, mainly for sanitary installations of new buildings or in refurbishments, consists of a rotationally symmetrical spigot (1), having a plurality of diametral steps (1a, 1b, 1c), which is designed as a hollow body which is closed on the end side (2) of the smallest diametral step (1c) and which preferably has the same wall thickness (s) in the region of each of the steps (1a, 1b, 1c), the mutual transitions (ü) between the steps (1a, 1b, 1c) extending chamfered, inclined or rounded. <IMAGE>

IPC 1-7

F16L 57/00

IPC 8 full level

E03C 1/12 (2006.01)

CPC (source: EP)

E03C 1/12 (2013.01)

Citation (search report)

- [X] US 4716875 A 19880105 TRONCOSO JR FERNANDO [US]
- [A] US 3807457 A 19740430 LOGSDON D
- [A] US 3675685 A 19720711 POTTER CHARLES
- [A] DE 7132499 U

Cited by

DE4015151A1; GB2404238A; GB2404238B

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

**DE 8812626 U1 19881208**; EP 0362831 A2 19900411; EP 0362831 A3 19910109

DOCDB simple family (application)

DE 8812626 U 19881007; EP 89118434 A 19891004