Title (en)

DRAIN TRAP

Publication

EP 0127421 A3 19860326 (EN)

Application

EP 84303444 A 19840521

Priority

US 49720483 A 19830523

Abstract (en)

[origin: EP0127421A2] An easy to clean, spill-free cleanout type sink trap wherein a container (10) is sealingly and detachaly connected to a cover (20). Inflow and outflow conduits (30,40) are connected to passages through the cover when mounted in situ. The container is designed to provide sufficient additional volume (50), free of liquid so as to accommodate all of the liquid, including that standing in the inflow and outflow conduits, when the seal between the cover and the container is broken, i.e. removal of the container to clean out the trap. In one embodiment both of the conduits project a selected amount beyond the cover downwardly into the container whereby during use there is an air pocket in the upper part of the container. This liquid free portion has sufficient volume as to hold the quantity of liquid normally retained in the inlet and outlet conduits. In another form the container extends upwardly beyond the cover and the volume of the extending portion is sufficiently large as to hold the liquid normally retained in the conduits. Another form constitutes a combination of the foregoing where a portion of the liquid free volume is internal of the trap and the remaining portion external.

IPC 1-7

E03C 1/284

IPC 8 full level

E03C 1/29 (2006.01); **E03C 1/284** (2006.01)

CPC (source: EP)

E03C 1/284 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

BE DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0127421 A2 19841205; **EP 0127421 A3 19860326**; CA 1227986 A 19871013; JP S6059242 A 19850405

DOCDB simple family (application)

EP 84303444 A 19840521; CA 454725 A 19840518; JP 10277384 A 19840523