

Title (en)

Device in a waste water installation in a building.

Title (de)

Vorrichtung in einer Abwasserinstallation in einem Gebäude.

Title (fr)

Dispositif dans une installation d'eaux usées dans un bâtiment.

Publication

EP 0258200 A1 19880302 (EN)

Application

EP 87850256 A 19870826

Priority

SE 8603609 A 19860827

Abstract (en)

Device in a waste water installation in a building, comprising a connection box (10, 11) with a flow connection (12) having circular cross section, at one end of the connection box, which is connected to a receiving conduit, and at the other end has a flow connection (12) to be connected to a connection conduit from a sanitary device having a large water discharge, e.g. a closet bowl. The connection box includes a bowl-or trough-shaped lower portion (10), the lowermost location of the flow connections being substantially in alignment with the lowermost location of the lower portion, and a flat upper portion (11). The connection box is widened in relation to the flow connections, the flat upper portion being countersunk in relation to the flow connections and having one or more connections (15) for connecting conduits and/or air hoods, and has a transition from each flow connection to the widened and countersunk portion of the connection box, said transition having reduced and then again enlarged cross-sectional area for initial damming-up of the flow and following speed reduction of the flow at water discharge from the sanitary device, which reduces the negative pressure so that no supply of air at atmospheric pressure from specific air supply means to the water seals connected to the connection box is necessary.

IPC 1-7

E03C 1/122

IPC 8 full level

E03C 1/122 (2006.01)

CPC (source: EP)

E03C 1/122 (2013.01)

Citation (search report)

- [A] FR 2240322 A1 19750307 - ARMOSIG [FR]
- [A] GB 2145129 A 19850320 - KUBOTA LTD
- [A] DE 75439 C
- [A] SCHWEIZERISCHE SPENGLERMEISTER- UND INSTALLATEUR-ZEITUNG, no. 15, 1970, pages 1-8, Zürich, CH; R. HANSLIN: "Das Sovent-Abwassersystem"
- [A] FACHZEITSCHRIFT FÜR SANITÄR HEIZUNG KLIMA, vol. 35, no. 1, January 1980, pages 26-30; R. PLANK et al.: "Das Abwasser und die DIN 1986"

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0258200 A1 19880302; EP 0258200 B1 19891129; AT E48294 T1 19891215; DE 3761056 D1 19900104; DK 438987 A 19880228; DK 438987 D0 19870821; FI 84089 B 19910628; FI 84089 C 19911010; FI 873695 A0 19870826; FI 873695 A 19880228; NO 160015 B 19881121; NO 160015 C 19890301; NO 873610 D0 19870826; NO 873610 L 19880229; SE 459425 B 19890703; SE 8603609 D0 19860827; SE 8603609 L 19880228

DOCDB simple family (application)

EP 87850256 A 19870826; AT 87850256 T 19870826; DE 3761056 T 19870826; DK 438987 A 19870821; FI 873695 A 19870826; NO 873610 A 19870826; SE 8603609 A 19860827