

Title (en)
Floor drain

Title (de)
Bodenablauf

Title (fr)
Siphon de sol

Publication
EP 3031990 A1 20160615 (DE)

Application
EP 14197351 A 20141211

Priority
EP 14197351 A 20141211

Abstract (en)
[origin: RU2684725C2] FIELD: water supply; sewerage.SUBSTANCE: group of inventions relates to the field of sewage devices. Floor drain comprises a drain body with a connecting element for the drain pipe and connected to the connecting element, extending in the mounting position of the drain body upward an inlet pipe, as well as a waterproof, flexible layer to be applied on the floor surface with a sealing ring, which is intended to be inserted into the inlet pipe of the drain body. Drain body has, measured from its lower side to the upper edge of the inlet pipe, a drain body height which is greater than the height of the floor layer measured from the surface of the floor base, optionally, minus the mounting distance from the drain body to the surface of the base. Inlet pipe consists of material cut with a saw or knife. Method of mounting the floor drain in the floor of sanitary-hygienic premises comprises mounting the drain body on the base surface of the floor, optionally with the formation of a mounting distance between the drain body and the base surface, wherein the drain body is provided with a connecting element for connecting with the drain pipe and an inlet pipe connected to the connecting element, wherein the drain body is oriented and mounted so that the inlet pipe extends upwards. Method also comprises connecting the connecting element of the drain body with the drain pipe, creating a floor comprising at least one layer on the surface of the base, wherein the inlet pipe after creating the floor protrudes upwards beyond the floor surface. Method further comprises cutting off the portion of the inlet pipe protruding above the floor surface, applying a waterproof flexible layer provided with a sealing ring to the floor surface, wherein the sealing ring is inserted from above into the inlet pipe of the drain body, and inserting a nozzle from above into the sealing ring. Nozzle is inserted into the sealing ring so far that the upper edge of the nozzle is at a predetermined distance to the floor surface.EFFECT: enabling flexible cutting of the inlet pipe of the drain body to its mounting height, which allows matching the height of the drain body with the corresponding structural conditions of the installation.18 cl, 20 dwg

Abstract (de)
Die Erfindung betrifft einen Bodenablauf (1) für den Sanitärbereich zum Einbau in einen Boden (100) mit einer Bodenschichthöhe (105) und einer Bodenoberfläche (110), umfassend einen Ablaufkörper (30) mit einem Anschluss (31) an ein Abflussrohr (150) und einem mit dem Anschluss (31) kommunizierenden, sich in Einbaulage (200) des Ablaufkörpers (30) nach oben erstreckenden Einlassrohr (32) sowie eine wasserdichte flexible, auf die Bodenoberfläche (110) aufbringbare Schicht (50) mit einer Dichtmanschette (60), die in das Einlassrohr (32) des Ablaufkörpers (30) einsetzbar ist. Der Ablaufkörper (30) weist von seiner Unterseite (36) bis zu einer Oberkante (37) des Einlassrohrs (32) gemessen eine Ablaufkörperhöhe (35) auf, die größer ist als die Bodenschichthöhe (105), gemessen von einer Basisfläche (101) des Bodens (100), gegebenenfalls abzüglich einem Montageabstand (25) des Ablaufkörpers (30) zur Basisfläche (101), wobei das Einlassrohr (32) aus einem mittels Säge oder Messer schneidbaren Material besteht. Weiters wird ein Verfahren zum Einbau eines Bodenablaufs (1) angegeben.

IPC 8 full level
E03F 5/04 (2006.01)

CPC (source: EP RU)
E03F 5/04 (2013.01 - RU); **E03F 5/0408** (2013.01 - EP); **E03F 5/0409** (2013.01 - EP); **E03F 5/0411** (2013.01 - EP)

Citation (applicant)
• EP 2423395 A1 20120229 - EASY SANITAIRY SOLUTIONS BV [NL]
• EP 2423395 A1 20120229 - EASY SANITAIRY SOLUTIONS BV [NL]

Citation (search report)
• [XYI] DE 202009010059 U1 20091126 - SCHLUETER SYSTEMS KG [DE]
• [Y] WO 2006128719 A2 20061207 - AHLMANN ACO SEVERIN [DE], et al
• [XDYI] EP 2423395 A1 20120229 - EASY SANITAIRY SOLUTIONS BV [NL]
• [Y] US 2012273057 A1 20121101 - ERIKSSON LEONARD [US]
• [Y] CN 203066220 U 20130717 - KAIPING XINMINGGUANG HARDWARE PRODUCT CO LTD
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• [A] FR 3003586 A1 20140926 - NICOLL RACCORDES PLASTIQUES [FR]
• [A] DE 19652972 A1 19980625 - GROHE KG HANS [DE]

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