

Title (en)

Floor drain insert.

Title (de)

Einsatzteil für Bodenablauf.

Title (fr)

Élément pour bouche d'écoulement.

Publication

EP 0494060 B1 19941019 (EN)

Application

EP 91850323 A 19911218

Priority

SE 9100015 A 19910103

Abstract (en)

[origin: EP0494060A1] Floor outlet or drain that contains a housing (29) placed in the floor for the connection of outlet pipings and sewer net. Between the floor drain housing (29) and the outlet pipe a wall or lip extends up from the bottom, in order to dam up water to a water trap. In the water drain housing a floor drain insert that in its entirety is numbered (25) is lowered. An unsymmetrical funnel part (28) transcend into a cylindrical vertical tube piece (31) constituting the upper trap lip. In the piece of tubing (31) is arranged a seat (34) for a ball (33) below. The level (30) of the water trap keeps the ball (33) up towards the seat (34). The specific weight of the ball or the height of the seat above the water surface is however so chosen or adjusted, possibly by water being pumped into the ball that merely some centimeter of water column above the ball is capable of pushing this aside so that the water easily can flow down through the floor drain. Through the funnel part (28) extends sealingly a cylindrical or tube shaped connecting part (27) that even this extends down below the water level (30). To this tubing (26) can for instance bathtub, wash basin or the like sealingly be connected. <IMAGE>

IPC 1-7

E03F 5/042

IPC 8 full level

E03F 5/042 (2006.01)

CPC (source: EP)

E03F 5/042 (2013.01)

Cited by

DE19521565A1; CN109235617A; GB2488773B; US11203861B1; EP2305906A1; CN101812866A; DE10242168A1; CN102367680A; GR20000100105A; EP3406813A1; EP3725964A1; US11713568B2; EP2033557A2; WO2022226390A1; WO9902792A1; EP2472015B1; WO2008108692A1; WO2008108706A1; WO2011036252A1

Designated contracting state (EPC)

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

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