Title (en)
  Drainage channel

Title (de)
  Ablaufrinne

Title (fr)
  Rigole d'écoulement

Publication
  EP 2492407 A1 20120829 (EN)

Application
  EP 12000972 A 20120215

Previously filed application
  201130156 U 20110215 ES

Priority
  ES 201130156 U 20110215

Abstract (en)
  A water outlet unit for drainage chutes consists of a frame (1) which presents a perimetric support (2) with an interior skirting (3) terminating in flanges (4), and a plate (5), with dimensions somewhat less than the perimetric support (2) of the frame (1), that rests on the flanges against the interior skirting (3) with the mediation of several spacers (6) which, for these purposes, present a vertical wall (7) and a horizontal wall (8). A rib (9) is provided below the horizontal wall (8) in order to configure a cross-section in "U" which clasps the flange (4), permitting the spacers (6) to be attached to it. Optionally, the rib (9) of the spacer (6) can present a stud (10) intended for being introduced into a dnll-hole (11) provided in the flange (4), which improves the attachment of the spacer (6) to the frame (1). In this way, the plate (5) becomes separated both from the interior skirting (3) and from its flange (4) permitting water to pass freely.

IPC 8 full level
  E03D 11/14 (2006.01); **E03F 5/04** (2006.01)

CPC (source: EP)
  E03F 5/0409 (2013.01)

Citation (search report)
  • [A] EP 1191148 A1 20020327 - WIEHE WILHELM [DE], et al
  • [A] DE 202006014959 U1 20080214 - VIEGA GMBH & CO KG [DE]
  • [A] DE 8804073 U1 19890720
  • [A] DE 19540068 A1 19970430 - FINBAU FINNENTROPER BAUELEMENT [DE]
  • [A] WO 2004072392 A1 20040826 - AHLMANN ACO SEVERIN [DE], et al

Designated contracting state (EPC)
  AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
  BA ME

DOCDB simple family (publication)
  EP 2492407 A1 20120829; **EP 2492407 B1 20131016**; ES 1074769 U 20110609; ES 1074769 Y 20110927; ES 2442665 T3 20140212; PL 2492407 T3 20140331; PT 2492407 E 20140123; RU 2012105143 A 20130820; RU 2535561 C2 20141220

DOCDB simple family (application)
  EP 12000972 A 20120215; ES 12000972 T 20120215; ES 201130156 U 20110215; PL 12000972 T 20120215; PT 12000972 T 20120321; RU 2012105143 A 20120215