

Title (en)
Concealed gutter with sealing ring

Title (de)
Verdeckte Entwässerungsrinne mit Dichtring

Title (fr)
Caniveau discret avec joint d'étanchéité

Publication
EP 1526218 A1 20050427 (EN)

Application
EP 03078342 A 20031022

Priority
EP 03078342 A 20031022

Abstract (en)
The invention relates to a concealed gutter, a sealing ring (10) therefor, a pipe segment (1) therefor and a spigot part (12) therefor. The concealed gutter comprises at least two pipe segments (1) and coupling means for connecting the pipe segments (1) to one another. Each pipe segment (1) has a pipe slit (3) extending over the entire longitudinal direction of the pipe segment (1), which pipe slit (3) opens on one side at the outer periphery of the pipe segment (1) and on the other side into a pipe chamber (2) running in the pipe segment (1). The coupling means are provided at at least one end of each pipe segment (1). According to the invention the coupling means comprise a socket part (9) and a spigot part (12) that can be accommodated in the socket part (9), wherein a pipe channel has been made in the spigot part (12), which pipe channel, when the pipe segments (1) are coupled together, extends between the pipe chambers (2) of said pipe segments (1). In particular, a sealing ring (10) is provided between the spigot part (12) and the socket part (9) to produce a seal between said two parts. There is a sealing flange (18,19) between the facing end faces of two connected pipe segments (1). The sealing flange (18,19) and the sealing ring (10) are in particular made from a flexible, rubbery material. The pipe segment (1) is in particular made from concrete.

IPC 1-7
E01C 11/22; **E03F 3/04**

IPC 8 full level
E01C 11/22 (2006.01); **E03F 3/04** (2006.01)

CPC (source: EP)
E01C 11/227 (2013.01); **E03F 3/046** (2013.01)

Citation (search report)
• [XY] DE 19733571 A1 19990311 - BETONWERK NEU ULM GMBH & CO KG [DE]
• [X] GB 1399113 A 19750625 - SAFETICURB LTD
• [Y] DE 4315119 A1 19941110 - HERMANN MUECHER GMBH [DE]
• [Y] JP S5898538 A 19830611 - YAMAU CONCRETE KOGYO KK
• [A] DE 2542004 A1 19770324 - DYNAMIT NOBEL AG
• [A] DE 3026681 A1 19820204 - FRIEDRICHSFELD GMBH [DE]

Cited by
JP2017082530A; CN103061273A; GB2448664A; EP3351697A1; BE1024933B1; WO2009037051A3

Designated contracting state (EPC)
BE DE FR NL

DOCDB simple family (publication)
EP 1526218 A1 20050427; **EP 1526218 B1 20081217**; DE 60325369 D1 20090129

DOCDB simple family (application)
EP 03078342 A 20031022; DE 60325369 T 20031022