Title (en)

Reinforced sectional gutter

Title (de)

Verstärkte Abflussrinne

Title (fr)

Elément de caniveau renforcé

Publication

EP 1870519 A3 20110622 (EN)

Application EP 07

EP 07110549 A 20070619

Priority

IT BO20060055 U 20060621

Abstract (en)

[origin: EP1870519A2] The invention describes a reinforced sectional and modular gutter (C), with improved male (5) and female (6) joints at its extremities and with improved male joints (5) in the intermediate zones (G) for the formation of submultiples of gutter always with male and female joints at the extremities. It is also described the formation externally provided with ribs of a modular gutter, which improves its rigidity, its resistance to mechanical stresses and which improves the anchoring of the poured cement or concrete inside which it will be embedded. Each modular gutter is provided at one end with joints (15, 115) for pipes for the inlet o discharge of water, which are in origin closed but can be opened easily. It is also described an improved head element (S) for the shutter closure of the extremities of the gutter or for the closure of the not utilised parts of a cross joint (X) which can be associated with sectional and modular gutters in order to increase their flexibility of employment in the formation of linear drainage channels or with interconnection of the L-, T- or cross- type.

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)

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- [Y] US 3156099 A 19641110 DAILEY JOHN J
- [Y] US 2006072971 A1 20060406 SUAZO KENNETH L [US], et al
- [Y] EP 0542701 A1 19930519 FIRST PLAST SRL [IT]

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC) AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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