

Title (en)

Reinforced concrete gutter element and gutter.

Title (de)

Rinnenelement aus Stahlbeton und Abflusssrinne.

Title (fr)

Élément de caniveau en béton armé et caniveau.

Publication

**EP 0675237 A2 19951004 (FR)**

Application

**EP 95109000 A 19950203**

Priority

- EP 95101467 A 19950203
- FR 9401758 A 19940216

Abstract (en)

The gutter is made in sections, each with a base (17) and two vertical walls (3, 4), each covered by a metal layer (9, 9') at the top which provides protection for the edges and/or a support for a covering grille (2). The concrete reinforcement is provided by metal elements (42) which are fixed to the upper layers (9, 9') by dowels (34) and fixing screws (13) which pass through and retain the grille, and/or other elements which are welded to opposite sides of a top metal layer. The reinforcing elements are U-shaped and made to correspond to the shape of the concrete gutter section. For certain uses, eg. inside buildings, the metal layers and grille can be coated with a plastic (PVDF), making them easier to clean with a jet of water.

Abstract (fr)

L'invention propose un élément de caniveau (1) en béton armé comportant un fond (17) et deux parois latérales (3, 4) dont les extrémités supérieures comportent un profilé métallique (9, 9') de protection et/ou de logement pour une grille de couverture (2). L'armature du béton comporte un premier type d'éléments d'armatures métalliques (42) qui sont fixés aux profilés (9) par l'intermédiaire de douilles (34) prévues pour recevoir une vis de fixation (13) de la grille (2), et un deuxième (40) et troisième (41) types d'éléments d'armatures métalliques soudés à des parties extérieure et intérieure respectivement des profilés métalliques (9').

IPC 1-7

**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 (applicant)

- FR 2634234 A1 19900119 - PREFAEEST [FR]
- FR 2649423 A2 19910111 - PREFAEEST SA [FR]

Cited by

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**EP 0668408 A1 19950823**; **EP 0668408 B1 19991222**; AT E187993 T1 20000115; AT E193075 T1 20000615; DE 69514014 D1 20000127; DE 69516929 D1 20000621; EP 0675237 A2 19951004; EP 0675237 A3 19970102; EP 0675237 B1 20000517; FR 2716217 A1 19950818; FR 2716217 B1 19960503

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