

Title (en)  
Gutter and fixable gutter element

Title (de)  
Rinne und feststellbares Rinnenelement

Title (fr)  
Caniveau et élément de caniveau immobilisable

Publication  
**EP 0668408 B1 19991222 (FR)**

Application  
**EP 95101467 A 19950203**

Priority  
FR 9401758 A 19940216

Abstract (en)  
[origin: EP0668408A1] The channel or gutter (18) is made from assembled sections (1) of reinforced concrete, each having axial holes (8,8') to receive a metal rod for joining the sections together. The rod is threaded and equipped with a nut at each end for adjusting and tensioning the channel/gutter segments. The channel or gutter is covered by a sectional grille (2) with curved transverse slots, and is fixed to the channel by screws (13) inserted through holes in metal edge covers (9) and engaging with threaded dowels underneath welded to reinforcing rods. The edge covers can be made from steel which is either galvanized or coated with a polymer.

IPC 1-7  
**E03F 3/04**; E03F 5/06; E01C 11/22; E04C 2/42

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)

Cited by  
CN112359673A; EP0903445A1; FR2953865A1

Designated contracting state (EPC)  
AT BE CH DE ES GB LI LU NL PT

DOCDB simple family (publication)  
**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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