

Title (en)  
Concrete safety-barrier for roads

Title (de)  
Beton-Schutzvorrichtung für Verkehrswege

Title (fr)  
Barrière de sécurité en béton pour voies routières et autoroutières

Publication  
**EP 1162315 A1 20011212 (FR)**

Application  
**EP 01420120 A 20010521**

Priority  
FR 0007376 A 20000608

Abstract (en)  
The safety barrier is constructed from a series of prefabricated concrete sections (2) with broad bases (3), having metal rings (9, 10) anchored in their ends to receive vertical connecting bolts (11) screwed into plates (12) set in recesses (6) in the base. Joints between sections are covered by inverted U-section caps (13) with side holes (17) for removable fixings (21), and the sides of the sections can be given reflective strips.

IPC 1-7  
**E01F 15/08**

IPC 8 full level  
**E01F 15/08** (2006.01)

CPC (source: EP)  
**E01F 15/083** (2013.01); **E01F 15/088** (2013.01)

Citation (search report)  
• [A] US 5836714 A 19981117 - CHRISTENSEN MARC E [US]  
• [DA] FR 2749329 A1 19971205 - PLATTARD SA [FR]  
• [A] DE 29606934 U1 19960814 - SPACEK ZDENEK [CZ]  
• [A] DE 4320720 A1 19941222 - PHILIPP STEPHANIE [DE], et al

Cited by  
EP2712962B1; AT502935B1; FR2862674A1; EP3587670A1; GB2377949B; FR2862672A1; GB2605835A; US11933004B2; GB2417257A; GB2417257B; EP1284325A3; EP3693511A1; FR3092346A1; EP3842593A1; US7419765B2; FR2866038A1; US11028545B2; WO2010125008A1; WO2020070556A1; WO02101153A1; WO2013033766A1; WO2005113240A1; US7749399B2; EP1455021A1; FR2852035A1; WO2022219343A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1162315 A1 20011212**; FR 2810055 A1 20011214; FR 2810055 B1 20040521

DOCDB simple family (application)  
**EP 01420120 A 20010521**; FR 0007376 A 20000608