

Title (en)  
Metallic safety barrier.

Title (de)  
Schutzplankeneinrichtung aus Stahl.

Title (fr)  
Barrière métallique de sécurité.

Publication  
**EP 0575705 A1 19931229 (EN)**

Application  
**EP 93104919 A 19930325**

Priority  
IT UD920013 U 19920414

Abstract (en)  
Metallic safety barrier of the type of EP-A-0428097, which comprises a plurality of modular metallic elements (11) and consists of a frontal absorption panel (12), lengthwise reinforcing elements (13), uprights or stiffening ribs (14) and compartments (25) for the fixture of anchorage bolts (29) to the ground (28), means being included for connecting the modular metallic elements (11) together, the frontal absorption panel (12) extending from an upper front position with an upper portion (35) to a lower intermediate base position, lengthwise reinforcing elements (13) being at least one in number and extending along the length of the frontal absorption panel (12), the uprights or stiffening ribs (14) being equidistant from each other and at least two in number per modular metallic element (11) and having their rear substantially vertical and being sconformed as an "L" and their front portion anchored to the rear of the frontal absorption panel (12) and to the lengthwise reinforcing elements (13), the compartments (25) cooperating with a supporting base (19) of the stiffening ribs (14) and with a base segment (26) of the frontal absorption panel (12). <IMAGE>

IPC 1-7  
**E01F 15/00**

IPC 8 full level  
**E01F 15/00** (2006.01); **E01D 19/10** (2006.01); **E01F 15/02** (2006.01); **E01F 15/08** (2006.01)

CPC (source: EP)  
**E01D 19/103** (2013.01); **E01F 15/025** (2013.01); **E01F 15/085** (2013.01)

Citation (search report)  
• [AD] EP 0428097 A1 19910522 - GASPARETTO STORI LEOPOLDO [IT], et al  
• [A] EP 0216712 A1 19870401 - EQUIP ROUTIER SA [FR]  
• [A] US 4681302 A 19870721 - THOMPSON MARION L [US]  
• [A] DE 8903821 U1 19890608

Cited by  
EP1619311A1; US7168882B1; US5697728A; CN118127970A; EP0969149A3; EP1001090A3; GB2397605A; EP1136624A3; US8172204B2; WO2005116342A1; EP0969149A2; EP1384821A2; WO9905364A1; WO9853146A1; WO9503453A1

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

DOCDB simple family (publication)  
**EP 0575705 A1 19931229; EP 0575705 B1 19970115**; AT E147814 T1 19970215; CZ 282647 B6 19970813; CZ 55293 A3 19931117; DE 69307403 D1 19970227; DE 69307403 T2 19970710; ES 2096123 T3 19970301; GR 3022485 T3 19970531; HU 213494 B 19970728; HU 9301046 D0 19930928; HU T63891 A 19931028; IT 229150 Y1 19980702; IT UD920013 U1 19931014; IT UD920013 V0 19920414; SK 279987 B6 19990611; SK 34793 A3 19931110

DOCDB simple family (application)  
**EP 93104919 A 19930325**; AT 93104919 T 19930325; CZ 55293 A 19930401; DE 69307403 T 19930325; ES 93104919 T 19930325; GR 970400187 T 19970205; HU 9301046 A 19930409; IT UD920013 U 19920414; SK 34793 A 19930414