

Title (en)
Provisional guard rail

Title (de)
Provisorisches Schutzgeländer

Title (fr)
Garde-corps provisoire

Publication
EP 1158117 A3 20020327 (FR)

Application
EP 00500156 A 20000717

Priority
ES 200001292 A 20000523

Abstract (en)
[origin: EP1158117A2] The temporary railing consists of scaffolding tubes (1). Each tube has a support plate (3) including several permanent magnets (5) which hold it fastened vertically to the metal structure. The support plate is fixed to the tube by screws (6).

IPC 1-7
E04G 21/32; **B63B 17/04**

IPC 8 full level
B63B 17/04 (2006.01); **B63C 5/02** (2006.01)

CPC (source: EP)
B63B 17/04 (2013.01); **B63C 5/02** (2013.01); **B63B 2231/30** (2013.01); **B63C 2005/025** (2013.01)

Citation (search report)

- [X] WO 9506179 A1 19950302 - PRS IND INC [CA]
- [A] US 6029407 A 20000229 - SCHILLERO JR SAMUEL L [US]
- [A] US 3842988 A 19741022 - RUSSELL C
- [A] US 4421205 A 19831220 - VRANISH JOHN M [US], et al

Cited by
FR2912770A1; WO2010088476A1

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

DOCDB simple family (publication)
EP 1158117 A2 20011128; **EP 1158117 A3 20020327**; **EP 1158117 B1 20050316**; AT E291138 T1 20050415; DE 60018720 D1 20050421; DE 60018720 T2 20060413; ES 2169998 A1 20020716; ES 2169998 B1 20031101; PT 1158117 E 20050831

DOCDB simple family (application)
EP 00500156 A 20000717; AT 00500156 T 20000717; DE 60018720 T 20000717; ES 200001292 A 20000523; PT 00500156 T 20000717