

Title (en)  
Access means

Title (de)  
Zugangsvorrichtung

Title (fr)  
Dispositif d'accès

Publication  
**EP 0937819 A3 20000816 (EN)**

Application  
**EP 99300391 A 19990120**

Priority  
GB 9801096 A 19980120

Abstract (en)  
[origin: GB2333311A] A ramped access for the crossing of an obstacle whereby the ramp is made up of discrete ramp elements 17 connected by connecting means C1 and C3 so that a load is partially supported on the ramp. This is to ensure that damage of the rail 10 or pipes, in another embodiment of the invention, does not occur. Also included is a bridge member 40 connecting the transversely opposite ramp elements 17. The length of this bridge is depicted by the size of the obstacle. A flexible mat is also included which is made up metal chains and interlinked closed loops, which enables passage of the load over uneven or boggy ground. A shield member made up of a channel section can also be adapted so that the ramped access can be mounted onto a railway line.

IPC 1-7  
**E01C 9/04**; **B61K 5/04**

IPC 8 full level  
**B61K 5/04** (2006.01); **E01C 9/04** (2006.01)

CPC (source: EP)  
**B61K 5/04** (2013.01); **E01C 9/04** (2013.01)

Citation (search report)

- [A] US 4235370 A 19801125 - NEWBY KENNETH D [US]
- [A] DE 737936 C 19430729 - WILHELM ERNST FAUNER DIPL ING, et al
- [A] US 1409920 A 19220321 - BRITTENBURG HARRY E
- [A] GB 550506 A 19430112 - CLEMENT GARRETT & COMPANY LTD, et al

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US8888554B2

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)  
**GB 2333311 A 19990721**; **GB 2333311 B 20020925**; **GB 9901130 D0 19990310**; EP 0937819 A2 19990825; EP 0937819 A3 20000816; GB 9801096 D0 19980318

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