

Title (en)
Guardrail arrangement

Title (de)
Schutzplankenordnung

Title (fr)
Disposition de barrière routière

Publication
EP 1719840 A3 20061227 (DE)

Application
EP 06009155 A 20060503

Priority
DE 102005020917 A 20050504

Abstract (en)
[origin: EP1719840A2] The arrangement (10) has a number of supports (11) fixed in the ground joined by mutually parallel upper and lower long bars (12,13). The lower bars have deformation elements (15) near the supports and formed by vertical circular tubes. The deformation elements carry guide planks (17) and the supports carry strengthening elements on the rear facing away from the guide planks.

IPC 8 full level
E01F 15/04 (2006.01)

CPC (source: EP)
E01F 15/043 (2013.01); **E01F 15/0438** (2013.01)

Citation (search report)
• [XD] WO 9726411 A1 19970724 - STUDIENGESELLSCHAFT FUER STAHL [DE]
• [A] EP 0708206 A1 19960424 - ACCIAI CENTRO SPA [IT]
• [A] US 5657966 A 19970819 - CICINNATI LUIGI [IT]

Cited by
ITMI20100294A1; CN112814472A; US2017081815A1; US10597834B2; GB2511030A; GB2511030B; IT201900018317A1; DE102016119838A1; DE202010008100U1; EP2148008A2; DE202008009832U1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1719840 A2 20061108; EP 1719840 A3 20061227; DE 102005020917 A1 20061109

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EP 06009155 A 20060503; DE 102005020917 A 20050504