Title (en)
Guardrail arrangement

Title (de)
Schutzplankenanordnung für ein Fahrzeugrückhaltesystem mit Montageerleichterung

Title (fr)
Disposition de barrière routière

Publication
EP 1659223 A1 20060524 (DE)

Application
EP 05019111 A 20050902

Priority
• EP 04022982 A 20040927
• EP 05003066 A 20050214
• EP 05019111 A 20050902

Abstract (en)
Protective arrangement comprises a spacer element arrangement joined to a profile post via a base section having a recess and a longitudinal hole.
The recess receives a screw head or a holding nut and the longitudinal hole matches the diameter of a screw shaft of a screw. Preferred Features:
The longitudinal hole extends with its longitudinal direction in the vertical direction. The recess is arranged on one end of the longitudinal hole.
The spacer element arrangement has two connecting sides between the base section and the contact section. Each connecting side has bending
sections lying within a region of the middle third of the effective length of each connecting side from the base section to the contact section.

IPC 8 full level
E01F 15/04 (2006.01)

CPC (source: EP)
E01F 15/0438 (2013.01); **E01F 15/0476** (2013.01)

Citation (applicant)
• GB 2195385 A 19880407 - DEMAREST VINCENT MICHAEL
• FR 2124828 A5 19720922 - VMW RANSHOFEN BERNDORF AG
• FR 2815976 A1 20020503 - MAUSSION JACQUES DE [FR]
• AT 409275 B 20020725 - VOEST ALPINE KREMS FINALTECH [AT]
• EP 1391558 A1 20040225 - SEC ENVEL S A R L [FR]

Citation (search report)
• [X] FR 2815976 A1 20020503 - MAUSSION JACQUES DE [FR]
• [A] GB 2195385 A 19880407 - DEMAREST VINCENT MICHAEL
• [A] EP 1391558 A1 20040225 - SEC ENVEL S A R L [FR]

Citation (third parties)
Third party :
AT 409275 B 20020725 - VOEST ALPINE KREMS FINALTECH [AT]

Cited by
EP2792793A1; DE202010000658U1; WO2022208275A1

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

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