

Title (en)

HIGHWAY GUARDRAIL WITH JOINT AND STIFFENER SYSTEM

Title (de)

AUTOBAHNLEITPLANKE MIT VERBINDUNGS- UND VERSTEIFUNGSSYSTEM

Title (fr)

GLISSIÈRE DE SÉCURITÉ D'AUTOROUTE AVEC SYSTÈME DE JOINT ET DE RENFORT

Publication

EP 2554749 A2 20130206 (EN)

Application

EP 12177593 A 20120724

Priority

FI 20115778 A 20110802

Abstract (en)

Joint and stiffener system for a highway guardrail, which highway guardrail is composed of essentially vertical guardrail pillars (1) installed at a distance from one another and of essentially horizontal rails (2) fixed to them, which rails are open profiles, the open part of which is directed towards the guardrail pillar (1), and which joint and stiffener system comprises a joint part/stiffener part (4). The invention is implemented such that the joint part/stiffener part (4) is installed at least partly inside the rail (2), and that the joint part/stiffener part (4) is a closed profile.

IPC 8 full level

E01F 15/04 (2006.01)

CPC (source: EP FI)

E01F 15/0407 (2013.01 - FI); **E01F 15/0423** (2013.01 - EP)

Citation (applicant)

- EP 1947245 A1 20080723 - SEC ENVEL [FR]
- WO 03104568 A1 20031218 - WELECO AG [CH], et al
- WO 9842918 A1 19981001 - BLUE SYSTEMS AB [SE], et al

Cited by

CN114837113A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2554749 A2 20130206; **EP 2554749 A3 20150121**; **EP 2554749 B1 20170201**; FI 123422 B 20130430; FI 20115778 A0 20110802; FI 20115778 A 20130203

DOCDB simple family (application)

EP 12177593 A 20120724; FI 20115778 A 20110802