

Title (en)

Means for assuring the continuity of safety barriers for motorway guard-rails

Title (de)

Vorrichtung zur Erhaltung der Kontinuität von Elementen für Strassenleitplanken

Title (fr)

Dispositif pour mise en continuité d'éléments de barrières de sécurité routière

Publication

EP 1106738 A2 20010613 (FR)

Application

EP 00420253 A 20001207

Priority

FR 9915379 A 19991207

Abstract (en)

The safety barrier consists of a series of separate concrete sections (1), each having one or more through channels to receive threaded reinforcing rods (2). The end surface (3) of each section is flat and lies perpendicular to its lengthwise axis, and each channel has a conical recess in the section end face to receive a conical thrust element and a bolt on the reinforcing rod while still allowing two end surfaces to fit perfectly together. Instead of a thrust element and nut the recess in a section end face can also be used to receive a continuation tube between sections. The reinforcing rods are tensioned by the nuts to hold a number of concrete sections together, and can be removed to allow the sections to be moved to another site. Depending on requirements the sections can be made from materials other than concrete, e.g. metal or plastic.

Abstract (fr)

Ce dispositif permet la mise en continuité d'éléments préfabriqués en béton 1 pour des barrières de sécurité routière. Il se compose essentiellement d'armatures rigides 2 logées dans des réservations 3 prévues dans les éléments 1. L'ensemble ainsi constitué offre un comportement aux chocs similaire aux barrières coulées en place. En faisant varier le nombre et la tension des armatures 2, on adapte la capacité de retenue de la barrière à l'utilisation souhaitée. Le dispositif est démontable et permet de réutiliser Les éléments 1 d'une exploitation temporaire de chantier sur une exploitation permanente plus exigeante. <IMAGE>

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