

Title (en)

PROTECTIVE SYSTEM FOR THE RIDER OF A NON-ENCLOSED VEHICLE AND VEHICLE INCORPORATING SAME

Title (de)

SCHUTZSYSTEM FÜR DEN FAHRER EINES KRAFTFAHRZEUGES OHNE INNENRAUM UND KRAFTFAHRZEUG MIT DIESER ANORDNUNG

Title (fr)

SYSTEME DE PROTECTION POUR CONDUCTEUR D'UN VEHICULE SANS HABITACLE ET VEHICULE AINSI EQUIPE

Publication

EP 1014814 A1 20000705 (EN)

Application

EP 96930343 A 19960918

Priority

- IL 9600114 W 19960918
- IL 11308195 A 19950322

Abstract (en)

[origin: WO9811793A1] A protective system (18) for the rider of a non-enclosed vehicle (10) including a garment-shaped inflatable member (30) for surrounding at least upper portions of the body of the rider; a source of pressurized gas (32) incorporated in the inflatable member; and apparatus (34) for exposing the interior of the inflatable member to the pressurized gas source for rapidly inflating the inflatable member in response to a sudden separation of the rider from the vehicle by at least a predetermined distance, wherein the inflatable member has a garment-shaped configuration when in a non-inflated orientation, and which when inflated, has an expanded, generally bulbous configuration such that large magnitude concentrated forces experienced thereby on impact with an object subsequent to the sudden separation of the rider from the vehicle are prevented from transfer directly to the rider, thereby protecting the surrounding upper portions of the rider's body from serious injury.

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