

Title (en)

CONNECTOR FOR THE ELECTRICAL JUNCTION OF PROTECTING DEVICES BY GAS BAG

Publication

**EP 0192798 B1 19870708 (DE)**

Application

**EP 85102304 A 19850301**

Priority

EP 85102304 A 19850301

Abstract (en)

[origin: US4657326A] Current conducting connector for the electric connection of a gas bag collision protection device located in the bowl of a steering wheel of an automotive vehicle. A current conductor having a conducting strip, arranged in several concentric windings in a fixedly mounted housing surrounding a steering shaft or steering wheel hub. The ends of the conductor are connected by an inner and an outer connecting element. The inner connecting element is arranged on a core surrounding the steering shaft or the steering wheel hub and rotates with the steering wheel. The outer connecting element has a pivoting nipple held in a pivot bearing formed in the housing and surrounding an opening in the wall of the housing. The current conductor is introduced outside the housing axially into the pivoting nipple and lead out inside the housing radially from the pivoting nipple. The pivot bearing is formed by a sleeve arranged in the area of the wall of the housing and projecting through the bottom of the housing, the sleeve being provided with a slot forming a lateral opening toward the inside of the housing and of a width sufficient to permit the rotation of the pivoting nipple over a predetermined angle.

IPC 1-7

**H01R 35/00**

IPC 8 full level

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CPC (source: EP US)

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