ABSTRACT

WEARABLE APPARATUS, METHOD, CONTROLLER AND AIRBAG THEREOF

A wearable apparatus includes a helmet and an airbag attached to a bottom rim of the helmet. In the event of an accident, for example when ta motorcyclist riding a motorcycle collides with an object, the airbag is triggered by the accident event and activated to inflate surrounding the lower rim of the helmet, to form a cushion surrounding the neck portion of the motorcyclist. The airbag is inflated within a very short time e.g. 10 several tenths of a second, before the motorcyclists is thrown off the motorcycle and hit a surrounding object that may cause injury to the motorcyclist. The inflated airbag therefore form a protection to the neck portion of the motorcyclist, to greatly reduce the level of injury.

(Fig. 27D)