

# A Safety system to prevent road users from being run over by a vehicle

Safety



CAR COMP.  
BODYWORK



Shields

Cyclists

Bumper

Pedestrian

Active safety

## Innovations/advantages

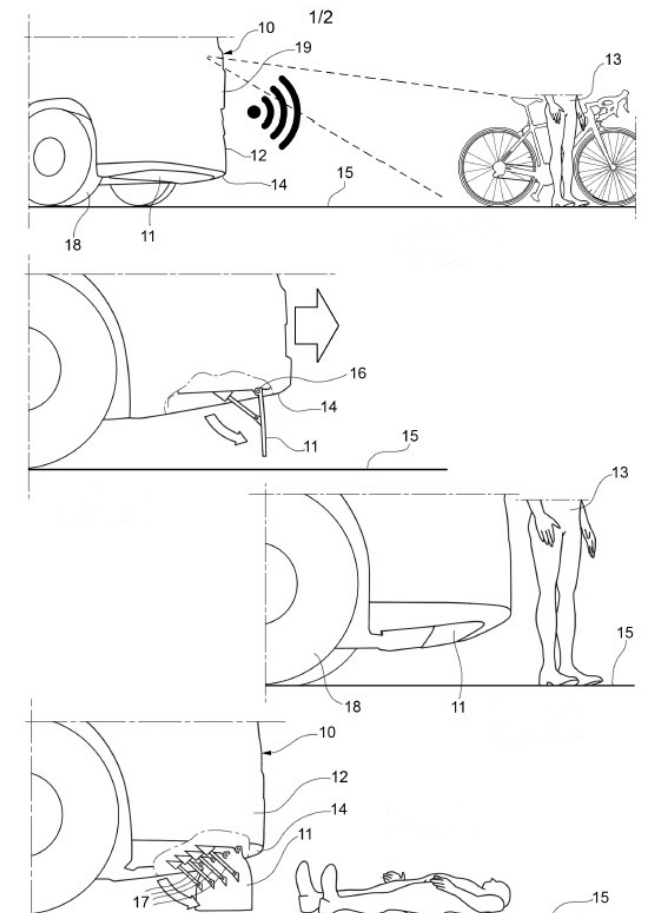
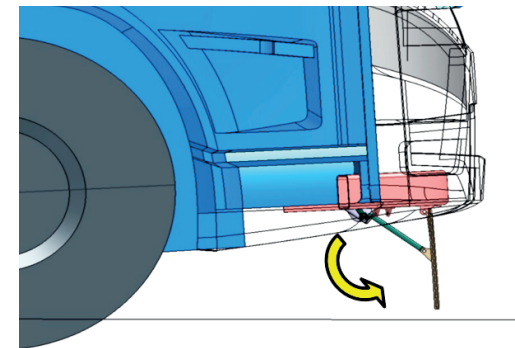
Reduce the number and severity of accidents for pedestrians and cyclists;  
Prevent the body from being run over by the wheels of the vehicle.

## Application field

Vehicles engineering

## Product insight

How can pedestrian safety be improved on mixed-use roads?  
One option is the use of innovative devices installed on vehicles that protect pedestrians in the event of an accident.  
Italdesign has patented a new system to prevent pedestrians, and road users in general, from being run over by vehicles.  
Using sensors or emergency braking, the vehicle automatically opens a shield which instantly closes the space between the lower edge of the bumper and the road surface.



## Patent Information

Priority Date – 23 April 2019

Application Number

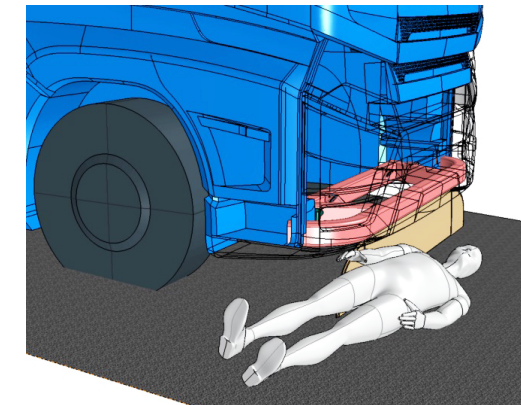
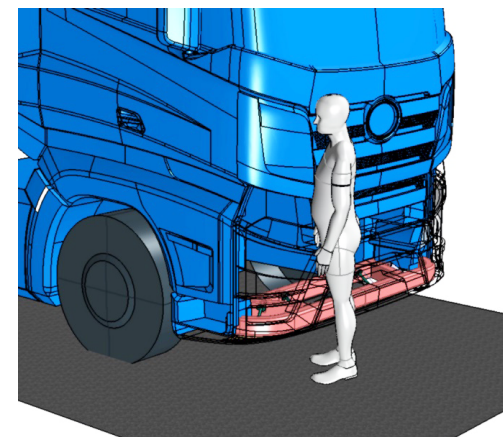
PCT/IB2020/053760

Publication Number

WO 2020/217167 A1

IPR Dossier n. A14

National patent filings



Available from June 1<sup>st</sup>, 2020

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