



ECO-DRIVING SOFTWARE

Energy consumption management assistance device for driving

Technological advantages

Energy consumption

Software optimising the energy consumption of a vehicle under positive acceleration and deceleration

Target speed determined by the road conditions

Speed, type of driving, weather conditions, type of vehicle, state of charge, type of road surface

Memory

Option to store all types of data in the software memory



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Context

Summary of the invention

Device created through spatial technology enabling a vehicle's range to be calculated as a function of a route.

Management of vehicle energy consumption through the adaptation of vehicle speed as a function of obstacles along the route.

Potential applications

Automotive, public transport, goods transportation fields

Automotive fleet management

Driving schools

Road safety

Mobile application

Commercial benefits

Predicted fuel consumption

Choice of route to minimise fuel consumption and/or obstacles

Practical

Journey managed through sections of routes taking into account obstacles
Useful for urban areas

Different modes of communication

Optical, acoustic, haptic or combined

TRL: 2

Patented invention, available under licence