

Registro 1 de 1

Patent Number(s): DE102013021495-A1

Title: Information system for transmitting information between passengers and vehicles of public transport, has control box assigned to vehicle, which stands in connection with on-board computer of vehicle by data interface

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Derwent Primary Accession No.: 2015-37639M

Abstract: NOVELTY - The information system has a control box (3) assigned to the vehicle, which stands in connection with the on-board computer (6) of the vehicle by a data interface. The control box is connected with a mobile display- and input device by a bi-directional, wireless data transmission connection. The mobile display and input device has an acoustic or tactile information output next to an optical display. The mobile display- and input device is a smart phone (1) or a mobile handset.

USE - Information system for transmitting information between passengers and vehicles of public transport.

ADVANTAGE - The information system has a control box assigned to the vehicle, which stands in connection with the on-board computer of the vehicle by a data interface, where the control box is connected with a mobile display- and input device by a bi-directional, wireless data transmission connection, and hence ensures an efficient information system, in which the control box is retrofitted and adapted for the public transport network and enables direct communication between vehicle and passenger. The mobile display- and input device reads the information for visually impaired and blind passengers.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic view of an information system.

Commercial smartphone (1)

Smart phone (1)

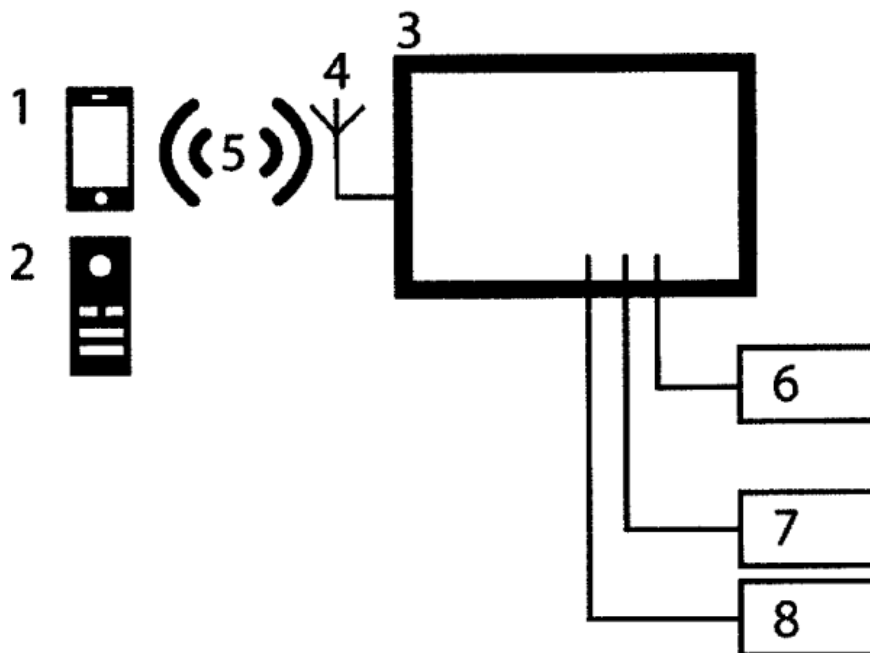
Control box (3)

Antenna (4)

On-board computer (6)

Vehicle electronics (7)

Drawing:



Derwent Class Code(s): T01 (Digital Computers); W01 (Telephone and Data Transmission Systems); W05 (Alarms, Signalling, Telemetry and Telecontrol); X22 (Automotive Electrics)

Derwent Manual Code(s): T01-C03C; T01-J07D1; W01-A06C4; W01-C01P2; W05-A03; X22-K08

IPC: G08B-005/22; H04W-004/00

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Priority Application Information and Date:

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