

Title (en)
DISTRIBUTED STAND-OFF ID VERIFICATION COMPATIBLE WITH MULTIPLE FACE RECOGNITION SYSTEMS (FRS)

Title (de)
MIT MEHREREN GESICHTSERKENNUNGSSYSTEMEN KOMPATIBLE VERTEILTE ID-ÜBERPRÜFUNG AUF ABSTAND

Title (fr)
VERIFICATION D'IDENTITE A DISTANCE DE SECURITE REPARTIE COMPATIBLE AVEC DE MULTIPLES SYSTEMES DE RECONNAISSANCE DE VISAGES (FRS)

Publication
EP 1955290 B1 20101013 (EN)

Application
EP 06851924 A 20061128

Priority

- US 2006045508 W 20061128
- US 29052305 A 20051201
- US 29052405 A 20051201

Abstract (en)
[origin: WO2008054410A2] A system for providing stand-off biometric verification of a driver of a vehicle while the vehicle is moving and/or a person on foot at a control gate, including an RFID vehicle tag reader, an RFID personal smart card reader and a facial detection and recognition (verification) system. The driver carries a RFID personal smart card that stores personal information of the driver and a face template of the driver. The vehicle carries a RFID vehicle tag that stores information regarding the vehicle. When the vehicle approaches the control gate, the RFID vehicle tag reader reads data from the RFID vehicle tag and the RFID personal tag reader reads data from the RFID personal smart card. The facial detection and verification system scans and reads a facial image for the driver. All the data and facial images detected by the readers are sent to a local computer at the control gate for further processing (final face verification). The local computer at the control gate decodes and retrieves the face template from the data read from the RFID personal smart card.

IPC 8 full level
G07C 9/00 (2006.01)

CPC (source: EP)
G07C 9/257 (2020.01)

Cited by
CN111341004A; US10289896B2; US10372973B2; WO2023156313A1

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