

Title (en)
Vehicle door locking system

Title (de)
Kraftfahrzeug-Türschliesssystem

Title (fr)
Système de verrouillage pour porte de véhicule

Publication
EP 1103675 A3 20030122 (DE)

Application
EP 00124412 A 20001108

Priority
DE 19957419 A 19991129

Abstract (en)
[origin: EP1103675A2] The automobile door locking system has a door lock and door handle (10) adjacent the door lock, with at least one sensor element in the form of an ultrasonic transducer (12) for transmission and/or reception of sound waves, for detecting the proximity of a hand to the door handle and/or contact with the door handle, from the variations in the ultrasonic field (13). Also included are Independent claims for the following: (a) a door handle for an automobile door locking system; and (b) a control method for an automobile door locking system.

IPC 1-7
E05B 1/00; **E05B 17/22**; **E05B 65/20**

IPC 8 full level
E05B 65/20 (2006.01); **E05B 65/26** (2006.01); **E05B 81/78** (2014.01); **E05B 85/00** (2014.01)

CPC (source: EP US)
E05B 81/78 (2013.01 - EP US); **E05B 85/01** (2013.01 - EP US); **E05B 81/77** (2013.01 - EP US)

Citation (search report)
• [XY] DE 4212291 A1 19931014 - DAIMLER BENZ AG [DE]
• [Y] DE 19617038 A1 19971106 - HUF HUELSBECK & FUERST GMBH [DE]
• [X] EP 0770749 A2 19970502 - VALEO SECURITE HABITACLE [FR]
• [X] DE 19740523 A1 19990318 - SIEMENS AG [DE]

Cited by
DE102005055515A1; EP2722824A3; FR2827064A1; EP1770653B1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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EP 00124412 A 20001108; DE 19957419 A 19991129; US 72526300 A 20001129