

Title (en)

Dongle for enhancing capabilities of peripheral devices

Title (de)

Dongle zur Verbesserung der Kapazität von Peripheriegeräten

Title (fr)

Clé électronique pour améliorer les capacités des dispositifs périphériques

Publication

**EP 2348696 A1 20110727 (EN)**

Application

**EP 09306298 A 20091221**

Priority

EP 09306298 A 20091221

Abstract (en)

The invention relates to a dongle (D), comprising: -a microcontroller (MC); -a USB host interface (D2); -a wireless communication interface (D1); -a Javacard compliant virtual machine (JVM) to be executed by said microcontroller (MC); -a Javacard driver framework (LI) enabling the development of Javacard coded drivers; -a software driver (DR): -coded according to a Javacard specification and using the Javacard driver framework; - comprising at least one function for controlling a peripheral device to be connected to said USB interface; -adapted to declare said function and its parameters to another dongle through said wireless communication interface.

IPC 8 full level

**H04M 1/725** (2006.01); **H01Q 1/22** (2006.01)

CPC (source: EP)

**H01Q 1/2275** (2013.01)

Citation (search report)

- [A] EP 1850571 A1 20071031 - NOKIA CORP [FI]
- [A] EP 1845664 A2 20071017 - RMAX LLC [US]
- [A] FUENFROCKEN S ET AL: "DIE JAVACARD ALS PROGRAMMIER- UND AUSFUEHRUNGSPLATTFORM FUER VERTEILTE ANWENDUNGEN", JIT. JAVA INFORMATIONS TAGE, XX, XX, 1 September 1999 (1999-09-01), pages 100 - 109, XP000998554
- [A] FODOR O ET AL: "JavaCard and OpenCard Framework: a tutorial", EMERGING TECHNOLOGIES AND FACTORY AUTOMATION, 1999. PROCEEDINGS. ETFA '99. 1999 7TH IEEE INTERNATIONAL CONFERENCE ON BARCELONA, SPAIN 18-21 OCT. 1999, PISCATAWAY, NJ, USA,IEEE, US LNKD- DOI:10.1109/ETFA.1999.815333, vol. 1, 18 October 1999 (1999-10-18), pages 13 - 22, XP010365871, ISBN: 978-0-7803-5670-2

Cited by

EP2645314A1; US9780603B2; WO2013144256A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2348696 A1 20110727**; WO 2011076474 A1 20110630

DOCDB simple family (application)

**EP 09306298 A 20091221**; EP 2010066898 W 20101105