

Title (en)

RE-ENUMERATION OF USB 3.0 COMPATIBLE DEVICES

Title (de)

NEUNUMMERIERUNG VON USB-3.0-KOMPATIBLEN VORRICHTUNGEN

Title (fr)

RÉ-ÉNUMÉRATION DE DISPOSITIFS COMPATIBLES AVEC L'USB 3.0

Publication

EP 2901298 A1 20150805 (EN)

Application

EP 12885458 A 20121229

Priority

- US 201213632084 A 20120930
- US 2012072204 W 20121229

Abstract (en)

[origin: WO2014051651A1] A host device can download a firmware update to a peripheral device having previously enumerated with the host device. The host device can perform link training with the peripheral device in response to a re-enumeration indication received from the peripheral device. The link training can include switching a Link Training and Status State Machine (LTSSM) in the host device from an active state (U0) to an RX. Detect state and synchronizing with the peripheral device in the RX.Detect state. The host device can re-enumerate with the peripheral device utilizing the firmware update after the host device completes link training with the peripheral device.

IPC 8 full level

G06F 13/38 (2006.01); **G06F 13/42** (2006.01)

CPC (source: EP)

G06F 13/382 (2013.01); **G06F 13/4282** (2013.01); **G06F 2213/0042** (2013.01)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014051651 A1 20140403; CN 104823174 A 20150805; CN 104823174 B 20190906; EP 2901298 A1 20150805; EP 2901298 A4 20160427; EP 3413205 A1 20181212

DOCDB simple family (application)

US 2012072204 W 20121229; CN 201280074015 A 20121229; EP 12885458 A 20121229; EP 18157193 A 20121229