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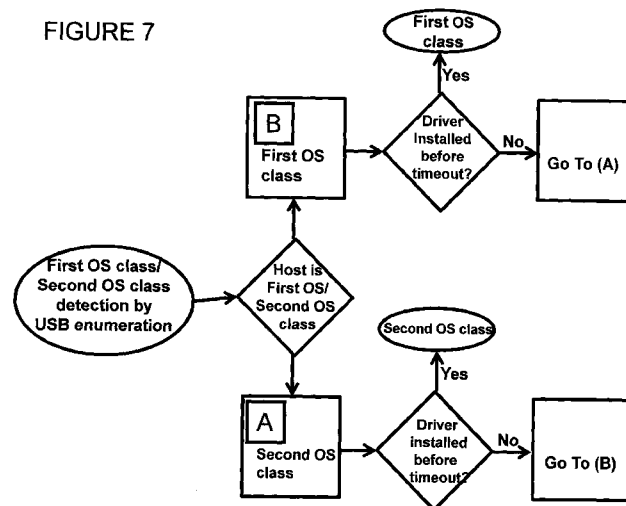
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[Continued on next page]

(54) Title: METHOD OF INSTALLING A DRIVER TO EMULATE A NETWORK CARD

FIGURE 7



(57) Abstract: There is provided a method of installing a driver to emulate a network card for communicating between a host and a device, wherein a host operating system class of the host is detected from the device side, comprising the steps of: (i) detecting the host operating system class from the device side by USB enumeration; (ii) attempting to install a first driver to emulate a network card on the host corresponding to the detected host operating system class, wherein the installed first driver is operable to enable communication between the host and the device, and terminating the method if the first driver is successfully installed. The method may further comprise the step of: (iii) If the first driver installation in (ii) is unsuccessful, attempting to install a second driver to emulate a network card on the host corresponding to an operating system class different to the detected host operating system class, wherein the installed second driver is operable to enable communication between the host and the device, and terminating the method if the second driver is successfully installed.





TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER INV. H04W88/04 H04M1/725 H04W88/16 G06F9/44 ADD.		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) H04W H04M G06F		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 890 426 A1 (RESEARCH IN MOTION LTD [CA]) 20 February 2008 (2008-02-20) the whole document -----	1-30, 37-39
Y	US 2008/005370 A1 (BOLAN JOSEPH E [US] ET AL) 3 January 2008 (2008-01-03) the whole document -----	1-30, 37-39
Y	US 2010/199290 A1 (KAVANAUGH RICHARD THOMAS [US]) 5 August 2010 (2010-08-05) paragraph [0022] - paragraph [0023]; figure 2 -----	10-15
A	US 2011/125937 A1 (ITO KIYOSHI [JP] ET AL) 26 May 2011 (2011-05-26) abstract paragraph [0046] - paragraph [0082]; figures 1-3 -----	1-30, 37-39
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents :		
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family	
Date of the actual completion of the international search	Date of mailing of the international search report	
13 December 2012	09/07/2013	
Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Wiltink, Jan Gerhard	

INTERNATIONAL SEARCH REPORT

International application No.
PCT/RU2012/000459

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-30, 37-39

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-30, 37-39

installing a driver for a device on a host, wherein a host operating system class is detected from the device side

2. claims: 31, 32

sharing a wireless network in response to a single user action, portable router device

3. claim: 33

USB dongle operable to received streamed files

4. claim: 34

USB dongle operable to provide internet access

5. claims: 35, 36

bar form factor display device comprising front and back major faces

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/RU2012/000459

Patent document cited in search report	A1	Publication date	CA	Patent family member(s)	A1	Publication date
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