

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 20/24453

## A. CLASSIFICATION OF SUBJECT MATTER

IPC - G06F 15/173 (2020.01)

CPC - H04L 29/08144, H04L 29/06, H04L 29/08072, H04L 29/08171, H04L 12/5695, H04L 49/351, H04L 29/06068, H04L 12/66, G06F 9/541, G06F 9/547 G06F 9/54, G06F 9/4443

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)

See Search History document

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

See Search History document

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

See Search History document

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2018/0131724 A1 (CSC AGILITY PLATFORM, INC.), 10 May 2018 (10.05.2018), entire document, especially Abstract; para [0006], [0008], [0016], [0020], [0033], [0069], [0091], [0096], [0105], [0113], [0119]	1-8, 11-18
Y		9-10, 19-20
Y	US 2014/0040343 A1 (NICKOLOV et al.), 06 February 2014 (06.02.2014), entire document, especially Abstract; Claim 86; para [2204]	9-10, 19-20



Further documents are listed in the continuation of Box C.



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

"D" document cited by the applicant in the international application

"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

"&amp;" document member of the same patent family

Date of the actual completion of the international search

01 June 2020 (01.06.2020)

Date of mailing of the international search report

01 JUL 2020

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US, Commissioner for Patents  
P.O. Box 1450, Alexandria, Virginia 22313-1450

Facsimile No. 571-273-8300

Authorized officer

Lee Young

Telephone No. PCT Helpdesk: 571-272-4300