



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 21 88 39 91

Classification of the application (IPC):

H04L 9/00, G06F 3/16, G06Q 10/101, H04N 21/254, G11B 27/031, H04L 65/611 H04L, G11B, H04N

Technical fields searched (IPC):

H04L 9/00, G06F 3/16, G06Q 10/101, H04N 21/254, G11B 27/031, H04L 65/611 H04L, G11B, H04N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	US 2019130190 A1 (RASPOTNIK JR WILLIAM BARTHEL [US]) 02 May 2019 (2019-05-02) * paragraph [0001] * * paragraph [0003] * * paragraph [0011] * * paragraph [0013] - paragraph [0014] * * paragraph [0018] - paragraph [0019] * * paragraph [0021] * * paragraph [0023] * * paragraph [0027] * * paragraph [0047] * * claim 10 * * figures 1-3 *	1-15
Y	WO 2020180754 A1 (SINGULARDTV GMBH [CH]; LEBEAU ZACHARY JAMES [US]; MOSTAVI MILAD [RO]) 10 September 2020 (2020-09-10) * paragraph [0058] - paragraph [0059] * * paragraph [0150] - paragraph [0152] * * paragraph [0154] - paragraph [0163] * * paragraph [0170] - paragraph [0171] * * paragraph [0184] - paragraph [0185] *	1-15
Y A	US 2020272713 A1 (BLACK ROBERT BARTH [US]) 27 August 2020 (2020-08-27) * paragraph [0016] - paragraph [0021] * * paragraph [0032] * * paragraph [0047] * * paragraph [0051] * * paragraph [0056] * * paragraph [0070] * * paragraph [0074] - paragraph [0078] * * paragraph [0080] *	8, 10-12 1-7, 9, 13-15

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search Munich	Date of completion of the search 20 September 2024	Examiner Bharucha, Zubin
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	AU 2018352483 A1 (LAZAR ENTERTAINMENT INC [CA])	7, 14
A	07 May 2020 (2020-05-07) * paragraph [0004] - paragraph [0006] * * paragraph [0008] * * paragraph [0011] - paragraph [0013] * * paragraph [0017] * * paragraph [0032] * * paragraph [0088] *	1-6, 8-13, 15

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Application number:
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 20-09-2024.
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2019130190 A1	02-05-2019	US 2019130190 A1 US 2021209373 A1	02-05-2019 08-07-2021
WO 2020180754 A1	10-09-2020	EP 3932003 A1 US 2022086187 A1 WO 2020180754 A1	05-01-2022 17-03-2022 10-09-2020
US 2020272713 A1	27-08-2020	US 2020272713 A1 US 2023214462 A1	27-08-2020 06-07-2023
AU 2018352483 A1	07-05-2020	AU 2018352483 A1 CA 3079475 A1 CN 111386708 A EP 3698549 A1 EP 4456524 A2 US 2020344498 A1 US 2022312047 A1 WO 2019075581 A1	07-05-2020 25-04-2019 07-07-2020 26-08-2020 30-10-2024 29-10-2020 29-09-2022 25-04-2019