



# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 20 84 37 43

**Classification of the application (IPC):**  
G06F 7/00, G06F 15/173, H04B 1/66, H04N 7/167

**Technical fields searched (IPC):**  
H04L

| DOCUMENTS CONSIDERED TO BE RELEVANT |                                                                                                                                                         |                   |
|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Category                            | Citation of document with indication, where appropriate, of relevant passages                                                                           | Relevant to claim |
| X                                   | US 2009003600 A1 (CHEN HAO-NONG [US] ET AL)<br>01 January 2009 (2009-01-01)<br>* paragraphs [0017] - [0027], [0032] - [0035], [0042], [0045] - [0076] * | 1-15              |
| X                                   | US 2013232339 A1 (IGNATCHENKO SERGEY [AT] ET AL)<br>05 September 2013 (2013-09-05)<br>* paragraphs [0022] - [0047] *                                    | 1-15              |
| X                                   | US 2006206397 A1 (SHEAR VICTOR H [US] ET AL)<br>14 September 2006 (2006-09-14)<br>* paragraphs [0065] - [0070], [0192] *                                | 1-15              |

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

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| Place of search<br>Munich | Date of completion of the search<br>30 June 2023 | Examiner<br>Prins, Leendert |
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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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# ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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 30-06-2023  
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| Patent document cited<br>in search report | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
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