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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 89 26 64

Classification of the application (IPC):

G06N 3/04, G06N 3/063, G01S 7/41, G01R 23/165, G01R 23/02, H03H 21/00

Technical fields searched (IPC):

G06N, G01S, G01R

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	ANDRIUS PETRENAS ET AL: "Reservoir computing for extraction of low amplitude atrial activity in atrial fibrillation" <i>COMPUTING IN CARDIOLOGY (CINC)</i> , 2012, <i>IEEE</i> , 09 September 2012 (2012-09-09), ISBN: 978-1-4673-2076-4, pages 13-16, XP032317043 * abstract * * page 14 - page 16; figure 1 *	1-3, 5-12 4
Y A	ALI DEIHIMI ET AL: "Application of echo state network for harmonic detection in distribution networks" <i>IET GENERATION, TRANSMISSION&DISTRIBUTION</i> UK 21 December 2016 (2016-12-21), vol. 11, no. 5, DOI: 10.1049/iet-gtd.2015.1556, ISSN: 1751-8687, pages 1094-1101, XP055733455 * abstract * * page 1094 - page 1095 * * page 1100 - page 1101 *	4 1-3, 5-12
A	Herbert Jaeger: "Controlling Recurrent Neural Networks by Conceptors" <i>Technical Report No. 31</i> , 22 July 2016 (2016-07-22) URL: https://arxiv.org/pdf/1403.3369v2.pdf [retrieved on 21 September 2020 (2020-09-21)] XP055732541 * the whole document *	1-12
A	OZTURK ET AL: "An associative memory readout for ESNs with applications to dynamical pattern recognition" <i>NEURAL NETWORKS, ELSEVIER SCIENCE PUBLISHERS, BARKING, GB</i> , 05 June 2007 (2007-06-05), vol. 20, no. 3, ISSN: 0893-6080, pages 377-390, XP022104570 * the whole document *	1-12

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 The Hague	Date of completion of the search 24 September 2020	Examiner Tsakonas, Athanasios
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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
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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