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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 83 76 93

Classification of the application (IPC):
G16B 15/30, G16C 20/50

Technical fields searched (IPC):
G16B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	<p>PARK HAHNBEOM ET AL: "Simultaneous Optimization of Biomolecular Energy Functions on Features from Small Molecules and Macromolecules" <i>JOURNAL OF CHEMICAL THEORY AND COMPUTATION: JCTC</i> US 13 December 2016 (2016-12-13), vol. 12, no. 12, pages 6201-6212 URL: https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5515585/pdf/nihms867713.pdf , ISSN: 1549-9618, XP055887487 * title, abstract, p.3, 5, 10, ,11, fig. 3, 4 *</p>	1-13
A	<p>Moretti Rocco ET AL: "Rosetta and the Design of Ligand Binding Sites" In: "Plant Transcription Factors :Methods and Protocols Methods in Molecular Biology", New York, NYSpringer, 01 January 2016 (2016-01-01) vol. 1414, pages 47-62, ISSN: 1064-3745, ISBN: 978-1-4939-3385-3, XP055887472 * p. 10 *</p>	1-13
A	<p>TLATLI RYM ET AL: "Grafting of functional motifs onto protein scaffolds identified by PDB screening - an efficient route to design optimizable protein binders" <i>THE FEBS JOURNAL</i> GB 29 November 2012 (2012-11-29), vol. 280, no. 1, pages 139-159 URL: https://febs.onlinelibrary.wiley.com/doi/pdfdirect/10.1111/febs.12056 , ISSN: 1742-464X, XP055887478</p>	1-13

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 04 February 2022	Examiner Lüdemann, Susanna
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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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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-12(completely); 13(partially)
method, system and computer-readable storage medium for optimizing/energy minimising atomic coordinates of a protein binding a ligand
2. claims: 14, 15(completely); 13(partially)
protein or protein sequences (e.g. seq id no. 1)

None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims: 1-12(completely); 13(partially)

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 04 February 2022	Examiner Lüdemann, Susanna
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| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
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