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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 22 82 36 86

Classification of the application (IPC):

G01V 1/40, G01N 21/3563, G01N 33/24, E21B 49/00, G06N 3/0455,
G06N 3/084, G06N 20/00, G16C 20/20, G06N 3/088

Technical fields searched (IPC):

G01N

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	LORENZ SANDRA ET AL: "Multi-Sensor Spectral Imaging of Geological Samples: A Data Fusion Approach Using Spatio-Spectral Feature Extraction" <i>SENSORS</i> , 21 June 2019 (2019-06-21), vol. 19, no. 12, DOI: 10.3390/s19122787, page 2787, XP055810386	1-4, 7-10, 12, 13
Y	* abstract * * figures 1,6,9 * * page 3 * * page 10 * * page 19 * * page 21 * * table 1 *	1, 5-7, 10-14
X	ACOSTA ISABEL CECILIA CONTRERAS ET AL: "Drill-Core Hyperspectral and Geochemical Data Integration in a Superpixel-Based Machine Learning Framework" <i>IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING, IEEE, USA</i> , 21 July 2020 (2020-07-21), vol. 13, DOI: 10.1109/JSTARS.2020.3011221, ISSN: 1939-1404, pages 4214-4228, XP011802505	1-4, 7-10, 12, 13
Y	* abstract * * figure 1 * * table 1 * * page 4216, left-hand column * * page 4221, left-hand column *	1, 5-7, 10-14
X	US 2018347354 A1 (LI WEICHANG [US] ET AL)	1-4, 12, 15
Y	06 December 2018 (2018-12-06) * paragraphs [0011], [0058], [0061], [0066] *	1, 5, 6, 12
Y,D	WO 2018136998 A1 (TECH RESOURCES PTY LTD [AU]; UNIV WESTERN AUSTRALIA [AU]) 02 August 2018 (2018-08-02) * page 21 - page 23 * * page 25, line 17 - line 25 * * claim 9 *	1, 5-7, 10-14

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 27 August 2024	Examiner D'Alessandro, Davide
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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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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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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 27-08-2024
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US 2018347354 A1	06-12-2018	CA 3055385 A1	20-09-2018
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		EP 3596638 A1	22-01-2020
		US 2018347354 A1	06-12-2018
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