



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 94 87 14

Classification of the application (IPC):
G08G 1/16, G08G 1/123, A63K 3/00, G01S 5/02

Technical fields searched (IPC):
G01S

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	CA 2885095 A1 (SAFEMINE AG [CH]) 27 March 2014 (2014-03-27) * figures 1-2 * * page 9, line 25 - page 19, line 10 * * page 21, line 5 - page 23, line 11 *	1, 3-11, 15 2, 12-14
X Y	WO 2018187251 A1 (NICKEL JANICE H [US]; NICKEL BRYAN H [US]) 11 October 2018 (2018-10-11) * figure 1B * * paragraphs [0029], [0032] - [0035] *	1, 3-11, 15 2, 12-14
Y A	US 2016310868 A1 (VENTURA ROBBIE [US] ET AL) 27 October 2016 (2016-10-27) * figures 1,9 * * paragraphs [0004], [0024] - [0025] * * paragraphs [0027] - [0030], [0033] - [0038] *	2 7, 13
Y	US 2019256162 A1 (DENHOLM TIMOTHY [GB] ET AL) 22 August 2019 (2019-08-22) * figures 5-6 * * paragraphs [0083] - [0086], [0303] - [0304] *	2
Y	EP 3385890 A2 (PIXEL INGENIERIA S L [ES]; GEIDEL JAMES ALEXANDER [ES]) 10 October 2018 (2018-10-10) * figures 1,3 * * paragraphs [0014] - [0052] *	12-14

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 Munich	Date of completion of the search 12 October 2023	Examiner Tancredi, Urbano
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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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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
Y	<p>FISTER IZTOK ET AL: "Widespread Mobile Devices in Applications for Real-time Drafting Detection in Triathlons" <i>JOURNAL OF EMERGING TECHNOLOGIES IN WEB INTELLIGENCE : JETWI</i> Oulu, Finland 28 August 2013 (2013-08-28), vol. 5, no. 3, DOI: 10.4304/jetwi.5.3.310-321, ISSN: 1798-0461, XP093090938 * figures 1-3 * * sections:I. IntroductionII. Drafting-Detection in Triathlon CompetitionsIII. Design of The Application for Drafting-Detection In Ironman *</p>	12-14

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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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: 1-11, 15

Vehicle proximity monitor through the exchange of RF signals with improved identification of events of interest

2. claims: 12-14

Vehicle race monitoring system based on proximity monitors exchanging RF signals

All further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for all claims.

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 12 October 2023	Examiner Tancredi, Urbano
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 19 94 87 14

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 12-10-2023
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CA 2885095	A1	27-03-2014	AU 2012227260 B1	17-04-2014
			CA 2885095 A1	27-03-2014
			WO 2014043824 A1	27-03-2014
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			WO 2017098068 A2	15-06-2017