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(71) Applicant: **CGG SERVICES SA** [FR/FR]; 27, avenue Carnot, F-91300 Massy (FR).

(72) Inventor: **IBN SEDDIK, Mohamed Saad**; c/o CGG Services SA, 27 Avenue Carnot, F-91341 Massy Cedex (FR).

(74) Agents: **PETIT, Maxime** et al.; Ipsilon Brema-Loyer, Le Centralis, 63 Avenue du Général Leclerc, 92340 Bourg-la-Reine (FR).

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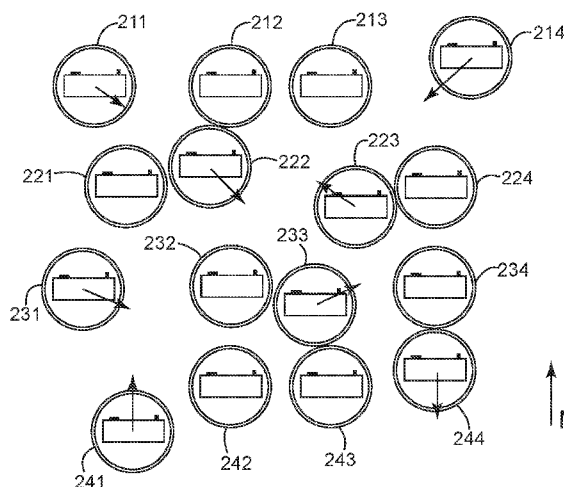
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Fig. 4



(57) Abstract: Methods and devices are configured to maintain a planned arrangement of autonomous underwater vehicles (AUVs). An AUV performs a corrective motion to adjust its current position relative to other AUVs emitting signals, so that the AUV's corrected position matches a planned position of the AUV in the planned arrangement better than its current position. The corrective motion is determined based on the location of the AUVs whose emitted signals are detected by the AUV.

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A. CLASSIFICATION OF SUBJECT MATTER INV. B63G8/14 G05D1/02 G05D1/04 G01V1/38 ADD.		
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B. FIELDS SEARCHED		
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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 103 558 622 A (BEIJING INST TECHNOLOGY) 5 February 2014 (2014-02-05) paragraph [0009] - paragraph [0029]; figures 2-3	1-20
A	----- WO 2013/045588 A1 (CGGVERITAS SERVICES SA [FR]) 4 April 2013 (2013-04-04) paragraph [0030] - paragraph [0038]; figures 6-7 -----	1-20
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
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CN 103558622	A	05-02-2014	NONE

WO 2013045588	A1	04-04-2013	AU 2012314398 A1 10-04-2014
			EP 2760731 A1 06-08-2014
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			WO 2013045588 A1 04-04-2013
