(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
15 August 2013 (15.08.2013)

WIPO | PCT

(10) International Publication Number
WO 2013/117773 A3

(51) **International Patent Classification**:
A01K 61/00 (2006.01)

(21) **International Application Number**:
PCT/EP2013/052789

(22) **International Filing Date**:
12 February 2013 (12.02.2013)

(25) **Filing Language**: English

(26) **Publication Language**: English

(30) **Priority Data**:
20120133 9 February 2012 (09.02.2012) NO

(71) **Applicant**: **CALANUS AS** [NO/NO]; P.O.Box 2489, N-9272 Tromsø (NO).

(72) **Inventors**: **ANGELL, Sverre**; Solhøgda 16, N-8400 Sortland (NO). **MATHISEN, Remi**; Aspåsvn. 2, N-8400 Sortland (NO). **JOHANSEN, Bjarne**; P.O.Box 229, N-8401 Sortland (NO). **LARSEN, Trond**; Sigerfjordvn. 290, N-8400 Sortland (NO). **TANDE, Kurt, Steinar**; Oldersneia 9, N-9100 Kvaløysletta (NO).

(74) **Agents**: **ONSAGERS AS** et al.; P.O. Box 1813 Vika, N-0123 Oslo (NO).

(81) **Designated States** *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) **Designated States** *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

— *the filing date of the international application is within two months from the date of expiration of the priority period (Rule 26bis.3)*

[Continued on next page]

(54) **Title**: DEVICE FOR FISH FARM CAGE

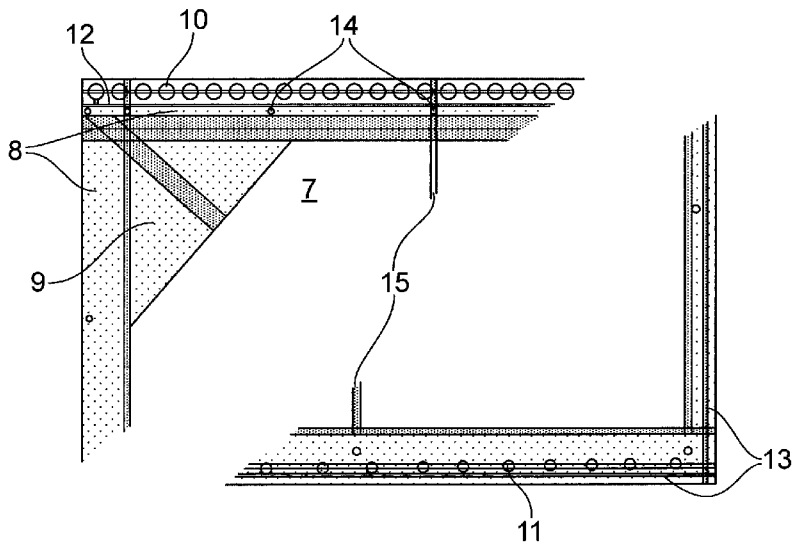


FIG. 2

(57) **Abstract**: The present invention relates to a device for isolating farm cages for fish against undesirable organisms, which device is arranged enclosing the farm cage, where the device comprises a fine-meshed fluid-permeable net which is open upwardly and downwardly when arranged round the farm cage, where the fluid-permeable net will extend a distance down in the farm cage's depth direction, in order thereby to form a skirt round the farm cage.

WO 2013/117773 A3

WO 2013/117773 A3

(88) Date of publication of the international search report:
16 January 2014

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2013/052789

A. CLASSIFICATION OF SUBJECT MATTER
INV. A01K61/00
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
A01K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2010/050825 A1 (RANTEX AS [NO]; TVEITEN SVEIN BRUDESETH [NO]) 6 May 2010 (2010-05-06) cited in the application abstract	1-9
A	WO 99/63824 A2 (ALPHARMA AS [NO]; JENSEN LONE PIA [DK]; ALEXANDERSEN SVEIN [NO]; EVENS) 16 December 1999 (1999-12-16) cited in the application abstract	1-9
A	US 6 062 170 A (FINCH RICHARD JOHN [CA] ET AL) 16 May 2000 (2000-05-16) cited in the application abstract	1-9

-/--

[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
25 November 2013	02/12/2013

Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Van Woensel, Gerry

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2013/052789

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/063583 A2 (SUBSEA SHELLFISH LTD [GB]; BURGESS NIGEL [GB]; SALMON ALISDAIR GEORGE) 7 August 2003 (2003-08-07) figures 4-5	1
A	US 4 982 697 A (NEFF GREGOR N [US]) 8 January 1991 (1991-01-08) figures 1-3	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/EP2013/052789

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2010050825 A1	06-05-2010	EP 2348825 A1	03-08-2011
		NO 331189 B1	31-10-2011
		WO 2010050825 A1	06-05-2010
WO 9963824 A2	16-12-1999	AT 249226 T	15-09-2003
		AU 3841299 A	30-12-1999
		CA 2334675 A1	16-12-1999
		CA 2616765 A1	16-12-1999
		DE 69911204 D1	16-10-2003
		DK 200001822 A	27-12-2000
		EP 1083907 A2	21-03-2001
		EP 1306084 A1	02-05-2003
		NO 982650 A	10-12-1999
		WO 9963824 A2	16-12-1999
US 6062170 A	16-05-2000	NONE	
WO 03063583 A2	07-08-2003	AT 370652 T	15-09-2007
		CA 2474118 A1	07-08-2003
		DE 60222024 T2	15-05-2008
		DK 1476011 T3	27-12-2007
		EP 1476011 A2	17-11-2004
		ES 2291546 T3	01-03-2008
		NZ 534703 A	30-06-2006
		PT 1476011 E	21-11-2007
		WO 03063583 A2	07-08-2003
US 4982697 A	08-01-1991	NONE	