



**RECOMMENDATION FOR PUBLICATION OF A DIRECT ROUTE APPLICATION
Invention**

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[10] PUBLICATION NUMBER: **PH12014000380(A1)** [43] PUBLICATION DATE:

[21] APPLICATION NUMBER: **1/2014/000380** [22] FILING DATE: **28 NOVEMBER 2014**
(28.11.2014)

[54] TITLE: **Hatchery Protocol for Silver Therapon (*Leiopotherapon plumbeus*, Kner 1864)**

[71] APPLICANT(S): *AYA, Frolan A. [Rizal, PH]*

[72] INVENTOR(S): *AYA, Frolan A. [Rizal, PH]*

[73] ASSIGNEE(S): *None*

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[30] PRIORITY DATA: *N/A*

[51] IPC: *A01K61/00 (2016.01)*

[57] ABSTRACT: *The invention is a protocol for rearing larvae of Silver therapon, *Leiopotherapon plumbeu* in outdoor tanks. The process includes timed provisions of preferred natural food commensurate with the age of larvae, pre-conditioning of rearing water, utilizing ambient lake water and the addition of fresh tropical almond leaves *Terminalia catappa* to enhance natural food supply in tanks. A stocking density of 0.1 to 1.0 larvae/L was used to enhance survival and growth. Survival of larvae increased to 35.41 +/- 15.32 per cent using the invention.*

REPRESENTATIVE DRAWING: *None*

NO. OF CLAIM(S) *1-4*

ISIC (REV.4) CODE *A-0322 (Freshwater aquaculture)*

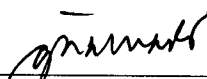
The above-mentioned application has complied with the formality requirements under the IP Code and Regulations. Publication of the application is therefore recommended.



Arabel Avril Carpina
Patent Examiner

Date: **18 August 2016 (18.08.2016)**

Noted:



Gloria Salvado
MSBED Division Chief



Intellectual Property Office of the Philippines
Bureau of Patents

SEARCH REPORT

FORM NUMBER:	IPOPHL-BOP-INV-SR-01	ED:	20.07.2016	AP:	6
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APPLICATION NO.:	1/2015/000380		
FILING DATE:	28 NOVEMBER 2014 (28.11.2014)	EARLIEST PRIORITY DATE:	N/A
TITLE:	HATCHERY PROTOCOL FOR SILVER THERAPON (LEIOPOTHERAPON PLUMBEUS,KNER 1864)		
DIVISION:	MSB Examining Division (MSB ED)		

IPC(S):	A01K61/00 (2016.01)
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DATABASE(S) CONSULTED:	IPO PHIL, IPAS, GOOGLE, GOOGLE PATENTS, ESPACENET, PATENTLENS; PNAS
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KEYWORD(S) USED:	AYUNGIN, SILVER THERAPOM, LEIOPOTHERAPON PLUMBEUS, TALISAY, TERMINALIA CATAPPA, AMMONIUM PHOSPHATE, CHIKEN MANURE
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DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages		Relevant to claim no.
Y	PH/1/2011/85 (ROXAS, JUSIE) Passages Page 10, Claim 1	Publication Date 15 October 2012	Claim No(s) 1-3
Y	Induced spawning and larval rearing of Ayungin (Leiopotherapon plumbeus Kner) Handbook (Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development, DOST) Passages Abstract	Publication Date 2012	Claim No(s) 1-3
Y	Effect of Indian almond, Terminalia catappa leaves water extract on the survival rate and growth performance of black tiger shrimp, Penaeus monodon post larvae (IKHWANUDDIN, et al.) Passages Abstract	Publication Date 15 April 2014	Claim No(s) 1 and 3
A	Advances in Aquaculture Hatchery Technology (ROWLAND) Passages Page 572	Publication Date February 2013	Claim No(s) 2
A	Food Selection of Early Grouper, Epinephelus coioides, Larvae Reared by the Semi-intensive Method (TOLEDO, et al.) Passages Page 328	Publication Date 1997	Claim No(s) 3
A	Research & Education for the Development of Integrated Crop-Livestock-Fish Farming Systems in the Tropics (EDWARDS, et al.) Passages Pages 13-26	Publication Date 1988	Claim No(s) 4

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"A"
Special categories of cited documents:
document defining the general state of the art which is not considered to be of particular relevance

"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

"E"	earlier application or patent but published on or after the international filing date	"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
"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)	"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
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed	"R"	documents with restricted access

PRIMARY EXAMINER:	Arabel Avril Carpina	SECONDARY EXAMINER(S):	N/A
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DATE OF COMPLETION:	18 AUGUST 2016 (18.08.2016)
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