



New connection on: : 12-09-2018 : 03:38:30 - Last disconnection on: : 12-09-2018 : 02:28:33

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 19] ..fi epodoc

 Database: EPODOC

[EPODOC: SS 19] A22B3/C/LOW

Results in EPODOC **2.484**

[SS 20] * and fish+

Results in EPODOC **153**

[SS 21] * and size+

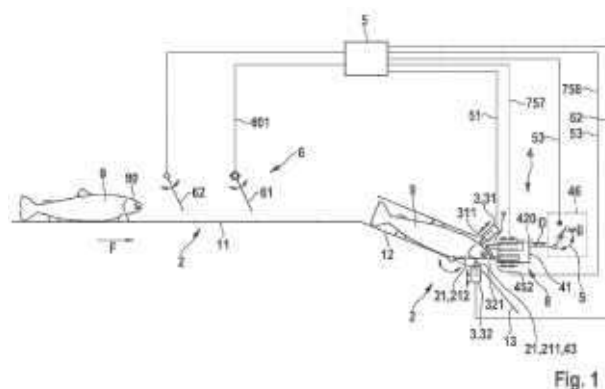
Results in EPODOC **14**

[SS 22] ..li



1/14 © EPODOC / EPO

PN - [US2017265486](#) A1 20170921
PNFP - US10004240 B2 20180626
PR - WO2014EP67946 20140822
AP - US201415505919 20140822
DT - **
CT - || STSE (B2)
[US6183356](#) B1 20010206 [
] (MIDDLETON ASHLEY PAUL [GB],
et al);
[US6769976](#) B2 20040803 [
] (BASS RICHARD [AU]);
[US7220177](#) B2 20070522 [
] (KING GRAEME NEVILLE [AU], et
al);
[US7980925](#) B2 20110719 [
]



] (BASS RICHARD [AU])

CCI - [A22B1/00](#) ; [A22B3/083](#)

CUI - [A01K61/95](#)

PA - (A1)
NORDISCHER MASCHB RUD
BAADER GMBH + CO KG [DE]

- (B2)
NORDISCHER MASCHB RUD
BAADER GMBH CO KG [DE]

TI - (A1)
FISH STUNNING APPARATUS,
TRIGGER UNIT AND METHOD FOR
INITIATING THE STUNNING MEANS
OF THE **FISH** STUNNING DEVICE

- (B2)
Fish stunning apparatus, trigger
unit and method for initiating
the stunning means of the **fish**
stunning device

AB - (A1 B2)
According to a method for
activating the stunning means,
a **fish-size**-related control value,
which represents the **size** of
any **fish**, is determined and the
positioning element is put
automatically, according to
the **size** of the **fish**, into an
associated starting position.

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PN - [MX2017002331](#) A 20170522

PR - WO2014EP67946 20140822

AP - MX20170002331 20140822

DT - I

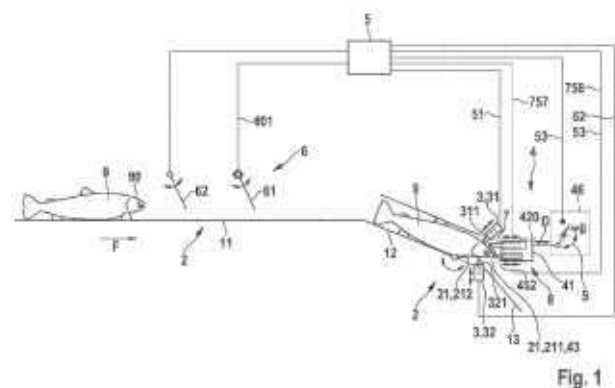
CCI - [A22B1/00](#) ; [A22B3/083](#)

CUI - [A01K61/95](#)

PA - NORDISCHER MASCHB RUD
BAADER GMBH + CO KG [DE]

TI - **FISH**-STUNNING APPARATUS,
TRIGGER UNIT AND METHOD FOR
INITIATING THE STUNNING MEANS
OF THE **FISH**-STUNNING DEVICE.

AB - A **fish**-stunning apparatus (1)
comprises a **fish**-feeding device

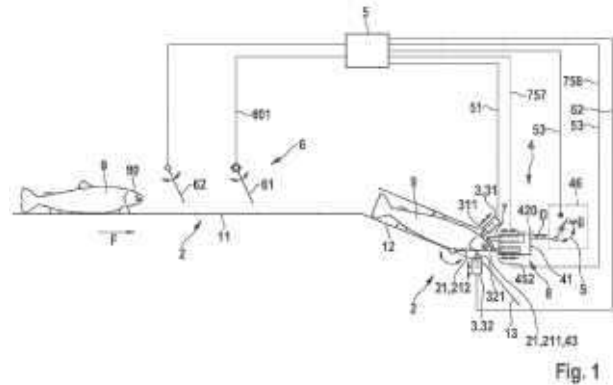


(11), also comprises a **fish**-accommodating space (12), which can be charged with **fish** (9) with the head in front, further comprises a **fish**-positioning means (21), which acts on the **fish**'s head (90) and, for the purpose of stunning the **fish** (9), defines a releasable temporary stop position for the **fish** (9), additionally comprises a stunning means (31) for acting on the **fish**'s head (90), furthermore comprises a trigger device (4) for defining the stop position and for initiating the stunning means (31), and yet further comprises a control device (5) for controlling operation. Locations on the **fish**'s head (90) which end up located in the **fish**-accommodating space (12) in dependence on the **size** of the head and/or body of the **fish** (9) should be positioned in optimal fashion for stunning purposes. A **fish**-position adjuster (7) can be controlled by means of a **fish-size**-sensing device (6) and is connected to a positioning element (211) of the **fish**-positioning means (21) for local adjustment, as a result of which any **fish** head (90) can be moved automatically, in accordance with the **size** of the **fish**, into a common position in relation to the stunning means (31). A trigger unit (8), which can be installed in the **fish**-stunning apparatus (1), comprises the **fish**-position adjuster (7) with a trigger-stop element (43), formed by the positioning element (211), and also comprises a controllable adjuster actuator (75) for actuating the **fish**-position adjuster (7). According to a method for initiating the

stunning means (31), a **fish-size-** related control value, which represents the **size** of any **fish** (9), is sensed and the positioning element (211) is set automatically, in accordance with the **size** of the **fish**, into an associated starting position.

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- PN - [CN106604640](#) A 20170426
- PR - WO2014EP67946 20140822
- AP - CN2014881391 20140822
- DT - I
- CT - || STSE (A)
[WO9844805](#) A1 19981015
 [A] (INDAC LTD [NZ], et al)
 [A] 1-25
 * 全文 *;
[EP0917823](#) A1 19990526
 [A] (MIDDLETON ENGINEERING LTD [GB], et al)
 [A] 1-25
 * 全文 *;
[US6001011](#) A 19991214
 [X] (JOHNSON JAMES GEORGE [GB])
 [X] 1-4、6、8、12-13、16、20-25
 * 说明书第4栏第43行至第11栏第4行，附图4a-10 *;
[GB2391446](#) A 20040211
 [A] (STRANDA MOTORVERKSTED AS [NO])
 [A] 1-25
 * 全文 *;
[EP2813146](#) A2 20141217
 [A] (BAEZA RISCHTER OSVALDO JOAQUIN [CL])
 [A] 1-25
 * 全文 *
 CCI - [A22B1/00](#) ; [A22B3/083](#)
 CUI - [A01K61/95](#)
 PA - NORDISCHER MASCHB RUD
 BAADER GMBH + CO KG
 TI - **Fish**-stunning apparatus, trigger unit and method for initiating



the stunning means of the **fish**-stunning device

AB

- A **fish**-stunning apparatus (1) comprises a **fish**-feeding device (11), also comprises a **fish**-accommodating space (12), which can be charged with **fish** (9) with the head in front, further comprises a **fish**-positioning means (21), which acts on the **fish**'s head (90) and, for the purpose of stunning the **fish** (9), defines a releasable temporary stop position for the **fish** (9), additionally comprises a stunning means (31) for acting on the **fish**'s head (90), furthermore comprises a trigger device (4) for defining the stop position and for initiating the stunning means (31), and yet further comprises a control device (5) for controlling operation. Locations on the **fish**'s head (90) which end up located in the **fish**-accommodating space (12) in dependence on the **size** of the head and/or body of the **fish** (9) should be positioned in optimal fashion for stunning purposes. A **fish**-position adjuster (7) can be controlled by means of a **fish**-size-sensing device (6) and is connected to a positioning element (211) of the **fish**-positioning means (21) for local adjustment, as a result of which any **fish** head (90) can be moved automatically, in accordance with the **size** of the **fish**, into a common position in relation to the stunning means (31). A trigger unit (8), which can be installed in the **fish**-stunning apparatus (1), comprises the **fish**-position adjuster (7) with a trigger-stop element (43), formed by the positioning element (211), and also comprises a

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PR - WO2014EP67946 20140822

DT - 1

CUI - [A01K61/95](#)

TI - **FISH-STUNNING APPARATUS, TRIGGER UNIT AND METHOD FOR INITIATING THE STUNNING MEANS OF THE FISH-STUNNING DEVICE**

Fig. 1

operation. Locations on the **fish's** head (90) which end up located in the **fish**-accommodating space (12) in dependence on the **size** of the head and/or body of the **fish** (9) should be positioned in optimal fashion for stunning purposes. A **fish**-position adjuster (7) can be controlled by means of a **fish-size**-sensing device (6) and is connected to a positioning element (211) of the **fish**-positioning means (21) for local adjustment, as a result of which any **fish** head (90) can be moved automatically, in accordance with the **size** of the **fish**, into a common position in relation to the stunning means (31). A trigger unit (8), which can be installed in the **fish**-stunning apparatus (1), comprises the **fish**-position adjuster (7) with a trigger-stop element (43), formed by the positioning element (211), and also comprises a controllable adjuster actuator (75) for actuating the **fish**-position adjuster (7). According to a method for initiating the stunning means (31), a **fish-size**-related control value, which represents the **size** of any **fish** (9), is sensed and the positioning element (211) is set automatically, in accordance with the **size** of the **fish**, into an associated starting position.

PN - [AU2014404305](#) A1 20170302

PR - WO2014EP67946 20140822

AP - AU20140404305 20140822

DT - I

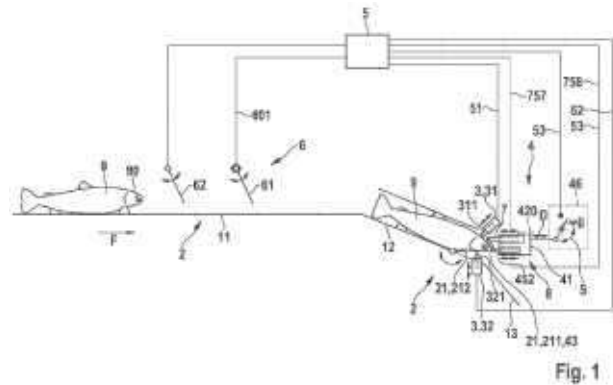
CCI - [A22B1/00](#) ; [A22B3/083](#)

CUI - [A01K61/95](#)

PA - NORDISCHER MASCHB RUD
BAADER GMBH + CO KG

TI - **Fish-stunning apparatus, trigger unit and method for initiating the stunning means of the fish-stunning device**

AB - A **fish-stunning apparatus** (1) comprises a **fish-feeding device** (11), also comprises a **fish-accommodating space** (12), which can be charged with **fish** (9) with the head in front, further comprises a **fish-positioning means** (21), which acts on the **fish's** head (90) and, for the purpose of stunning the **fish** (9), defines a releasable temporary stop position for the **fish** (9), additionally comprises a stunning means (31) for acting on the **fish's** head (90), furthermore comprises a trigger device (4) for defining the stop position and for initiating the stunning means (31), and yet further comprises a control device (5) for controlling operation. Locations on the **fish's** head (90) which end up located in the **fish-accommodating space** (12) in dependence on the **size** of the head and/or body of the **fish** (9) should be positioned in optimal fashion for stunning purposes. A **fish-position adjuster** (7) can be controlled by means of a **fish-size-sensing device** (6) and is connected to a positioning element (211) of the **fish-positioning means** (21) for local adjustment, as a result



of which any **fish** head (90) can be moved automatically, in accordance with the **size** of the **fish**, into a common position in relation to the stunning means (31). A trigger unit (8), which can be installed in the **fish**-stunning apparatus (1), comprises the **fish**-position adjuster (7) with a trigger-stop element (43), formed by the positioning element (211), and also comprises a controllable adjuster actuator (75) for actuating the **fish**-position adjuster (7). According to a method for initiating the stunning means (31), a **fish-size**-related control value, which represents the **size** of any **fish** (9), is sensed and the positioning element (211) is set automatically, in accordance with the **size** of the **fish**, into an associated starting position.

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- PN - [WO2018006981](#) A1 20180111
- PR - WO2016EP66325 20160708
- AP - WO2016EP66325 20160708
- DT - *; Rep
- CT - |EP| ISR (A1)
[WO2016026540](#) A1 20160225 [AD] (NORDISCHER MASCHINENBAU [DE])
[AD] 1-17
* the whole document *;
[WO2004049810](#) A1 20040617 [A] (SEAFOOD INNOVATIONS PTY LTD [AU], et al)
[A] 1-17
* the whole document *;
[WO0197621](#) A1 20011227 [A] (BASS RICHARD [AU])
[A] 1-17
* the whole document *
- CCI - [A22B3/083](#)
- PA - NORDISCHER MASCHB RUD BAADER GMBH + CO KG [DE]
- TI - **FISH** SLAUGHTER DEVICE AND TRIGGER DEVICE CONFIGURED FOR SAME
- AB - The invention relates to a **fish** slaughter device (1) and to a trigger device (2) configured for same. A **fish** slaughter device (1) comprises a **fish** positioning device (13) with a **fish** head stop element (3), against which the head of a **fish** to be slaughtered is placed in a temporary stop position in front of a controllable **fish** slaughter tool (12). The **fish** head

stop element (3) is a trigger element (22) - which can be released by means of a trigger sensor device (9) - of a controllable trigger device (2) that can be controlled according to the **size** of the **fish** in order to move the **fish** head stop element (3) into difference trigger positions. The trigger device (2) comprises a first control actuator (4) with a first actuator element (41), a coupling means (6) which connects the **fish** head stop element (3) to the first actuator element (41) for **fish-size**-dependent adjustment movement into the trigger positions, and an additional second control actuator (5) with a second actuator element (51) which can be placed in at least two fixed trigger adjustment positions (EP1, EP2) in a controllable manner. The two actuator elements (41, 51) are arranged such that they can be coupled in such a way that an adjusting movement of the first actuator element (41) is stopped by means of a coupling impact against the second actuator element (51) placed in one of its fixed trigger adjustment positions (EP1, EP2), and an associated trigger position (TP1, TP2) of the **fish** head stop element (3) is thereby brought about.

7/14 © EPODOC / EPO

PN - [WO2016026540](#) A1 20160225

PR - WO2014EP67946 20140822

AP - WO2014EP67946 20140822

DT - *; Rep

CT - |EP| ISR (A1)

[US6001011](#) A 19991214

[X] (JOHNSON JAMES GEORGE [GB])

[X] 1-4,6,8,12,13,16,21-25

* abstract *

* column 1, line 3 - column 11, line 11 *;

[GB2391446](#) A 20040211

[A] (STRANDA MOTORVERKSTED AS [NO])

[A] 1-25

* abstract *

* page 1, line 5 - page 8, line 33 *;

[CA2863817](#) A1 20130815

[A] (BAEZA RISCHTER OSVALDO JOAQUIN [CL])

[A] 1-25

* abstract *

* page 1, line 3 - page 7, line 12 *;

[US2010178859](#) A1 20100715

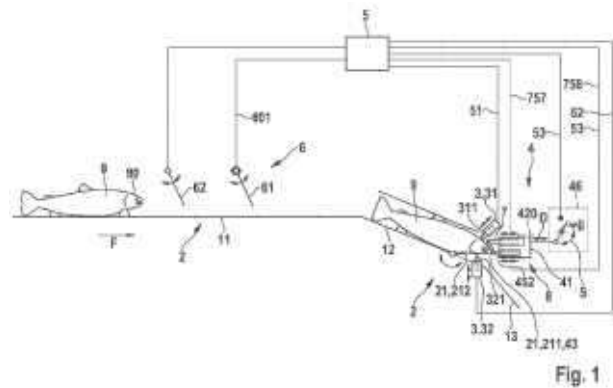
[A] (BASS RICHARD [AU])

[A] 1-25

* abstract *

* paragraphs [0001] - [0147] *;

[WO2011021071](#) A1 20110224



	[A] (TECSUR S A [CL], et al)
	[A] 1-25
	* abstract *
	* paragraphs [0001] - [0066] *
CCI	- A22B1/00 ; A22B3/083
CUI	- A01K61/95
PA	- NORDISCHER MASCHINENBAU [DE]
TI	- FISH -STUNNING APPARATUS, TRIGGER UNIT AND METHOD FOR INITIATING THE STUNNING MEANS OF THE FISH -STUNNING DEVICE
AB	- A fish -stunning apparatus (1) comprises a fish -feeding device (11), also comprises a fish - accommodating space (12), which can be charged with fish (9) with the head in front, further comprises a fish -positioning means (21), which acts on the fish 's head (90) and, for the purpose of stunning the fish (9), defines a releasable temporary stop position for the fish (9), additionally comprises a stunning means (31) for acting on the fish 's head (90), furthermore comprises a trigger device (4) for defining the stop position and for initiating the stunning means (31), and yet further comprises a control device (5) for controlling operation. Locations on the fish 's head (90) which end up located in the fish -accommodating space (12) in dependence on the size of the head and/or body of the fish (9) should be positioned in optimal fashion for stunning purposes. A fish -position adjuster (7) can be controlled by means of a fish -size-sensing device (6) and is connected to a positioning element (211) of the fish -positioning means (21) for local adjustment, as a result of which any fish head (90) can be moved automatically, in

accordance with the **size** of the **fish**, into a common position in relation to the stunning means (31). A trigger unit (8), which can be installed in the **fish**-stunning apparatus (1), comprises the **fish**-position adjuster (7) with a trigger-stop element (43), formed by the positioning element (211), and also comprises a controllable adjuster actuator (75) for actuating the **fish**-position adjuster (7). According to a method for initiating the stunning means (31), a **fish-size**-related control value, which represents the **size** of any **fish** (9), is sensed and the positioning element (211) is set automatically, in accordance with the **size** of the **fish**, into an associated starting position.

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- PN - [WO2014068413](#) A1 20140508
 PR - CL20120003064 20121031
 AP - WO20131856356 20130802
 DT - *; Rep
 CT - |ES| ISR (A1)
[WO2012020283](#) A1 20120216
 [A] (BAEZA RISCHTER OSVALDO JOAQUIN [CL]);
[WO2011021071](#) A1 20110224
 [A] (TECSUR S A [CL], et al);
[WO2004049810](#) A1 20040617
 [A] (SEAFOOD INNOVATIONS PTY LTD [AU], et al);
[WO2008148155](#) A1 20081211
 [A] (RICHARD BASS PTY LTD [AU], et al);
[WO0197621](#) A1 20011227
 [A] (BASS RICHARD [AU])
 CCI - [A22B3/083](#)
 PA - BAEZA RISCHTER OSVALDO JOAQUÍN [CL]
 TI - DEVICE FOR STUNNING **FISH** AND CUTTING THE GILLS OR THE AORTA

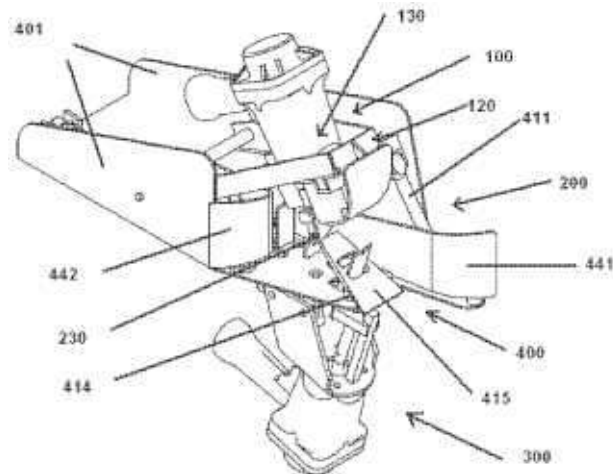


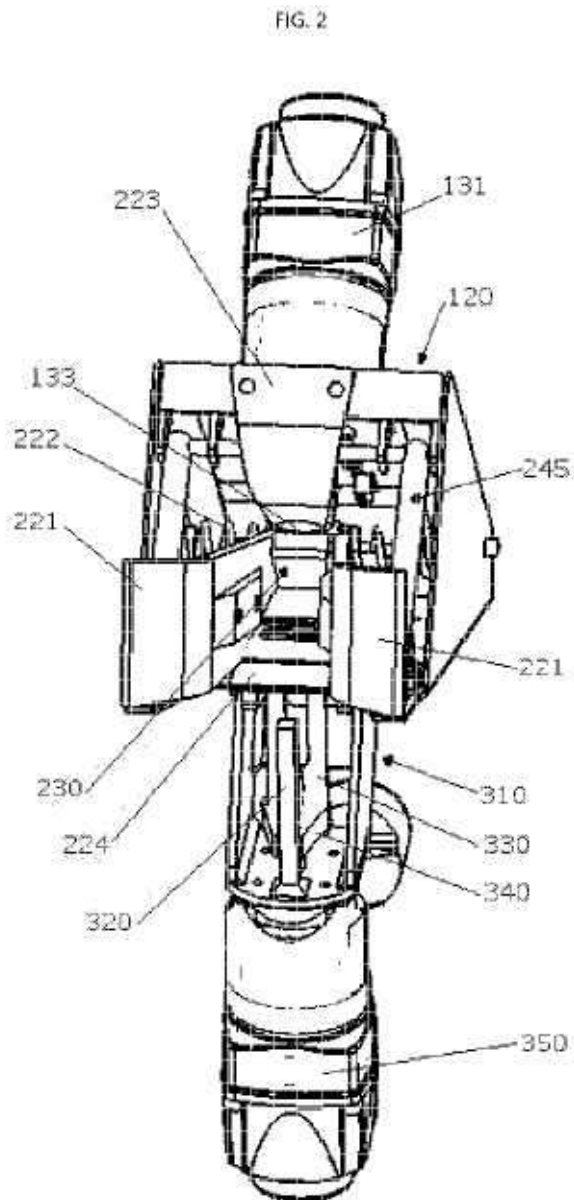
Figure 1

THEREOF

AB

- The invention relates to a device for stunning **fish** and cutting the gills or aorta thereof, independently of the **size** thereof, said device being formed by a stunning assembly in the upper part thereof, with a stunning piston below which there is a casing with a guide assembly (400) for the insertion and processing of the **fish** with a lower guide plate (415) and a trigger assembly (230), an assembly (410) for adjusting the **size** of the **fish**, formed by a lower base with a lower shaft (414) whereon the lower guide plate (415) pivots, and an assembly for the insertion and removal of the **fish** (440), formed by a fixed lateral guide (441) on one side of the device and a mobile lateral guide on the opposite side, which is movable between an extended position for the insertion of the **fish** and a retracted position for releasing the **fish**, and which is associated with movement means (450). The trigger assembly, the piston assembly and the means for moving the mobile lateral guide are connected by means of a pneumatic circuit.

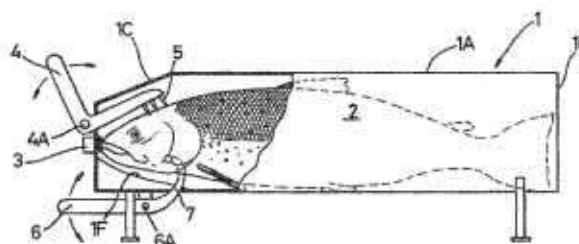
PN - [WO2012020283](#) A1 20120216
 PR - WO2010IB53671 20100813
 AP - WO2010IB53671 20100813
 DT - *; Rep
 CT - |ES| ISR (A1)
 [US2010178859](#) A1 20100715
 [A] (BASS RICHARD [AU]);
 [WO0197621](#) A1 20011227
 [A] (BASS RICHARD [AU]);
 [WO2004049810](#) A1 20040617
 [A] (SEAFOOD INNOVATIONS PTY LTD [AU], et al);
 [WO2005089558](#) A1 20050929
 [A] (BASS RICHARD [AU]);
 [CA2635624](#) A1 20081219
 [A] (MOHR ERNESTO FRANCISCO AUBEL [CL])
 CCI - [A22B3/083](#)
 PA - BAEZA RISCHTER OSVALDO JOAQUIN [CL]
 TI - **FISH PROCESSING APPARATUS**
 AB - A **fish** processing apparatus with a self-adjustment mechanism for adjusting the apparatus to fit the head of the **fish**, which comprises: a stunner unit (100) at the top of the apparatus for stunning **fish** to be processed, a support unit (120) and a stunner piston unit (130); a central unit (200) below said support unit (120) comprising a casing (210), a guide unit (220) for taking in and processing the **fish**, which has a lower guide plate (223), a trigger unit (230) that triggers the stunner piston unit (130) and an adjuster unit (240) comprising a lower base (243) with a lower shaft (244) where said lower guide plate (224) pivots, the pivoting movement of said lower guide plate (224) being transmitted, via at least one side articulation (245), to the stunner unit (100), which changes position by pivoting as



the lower guide plate (224) moves, according to the **size** of the **fish** to be processed; an aorta- or gill-cutting unit (300) below the casing (210) which comprises a support structure (310), a blade guide (320), a blade (330), a cutter piston (350) and a guide follower (340); and a pneumatic circuit that connects the trigger unit (230), the stunner piston unit (130) and the cutter piston (350), in which the trigger unit (230) activates the pneumatic circuit, said stunner piston (130) and said cutter piston (350).

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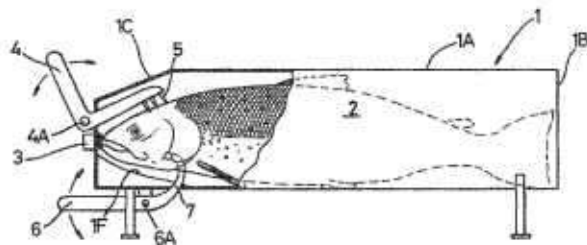
- PN - [US6001011](#) A 19991214
- PR - WO1996GB01583
19960701; GB19950013271
19950629
- AP - US19970981605 19971229
- DT - **
- CT - [US3362406](#) A []; [US3548447](#) A [];
[US3675273](#) A []; [US4127919](#) A [];
[US4300263](#) A []; [US4899422](#) A [];
[US5376043](#) A []; [US5492502](#) A [];
[US5591076](#) A []; [FR2205275](#) A1 [];
[DE628177](#) C []; [DE1654992](#) A [];
[DE2225795](#) A1 []; [DE9103738U](#) U1 [];
[DE4216842](#) A1 []; [DE9309936U](#) U1 [];
[GB2065447](#) A []
- CCI - [A22B3/083](#) ; [A22C25/00](#)
- PA - NORDISCHER MASCHINENBAU [DE]
- TI - **Fish** harvester
- AB - PCT No. PCT/GN96/01583 Sec. 371 Date May 6, 1998 Sec. 102(e) Date May 6, 1998 PCT Filed Jul.



1, 1996 PCT Pub. No.
 WO97/01285 PCT Pub. Date Jan.
 16, 1997A **fish** harvester for the
 automatic and humane slaughter
 of **fish** comprises a **fish**
 accommodating space having an
 entrance for insertion of a **fish**
 and an exit for removal of a **fish**.
 The harvester includes means for
 positioning and retaining a **fish**,
 a slaughtering member for
 slaughtering a **fish** by contact
 with some portion of a **fish**; and
 driving means for driving said
 slaughtering member. The
 slaughter member preferably
 includes spikes for insertion into
 the brain of the **fish**. The
 harvester preferably
 automatically severs a major
 blood vessel in order to allow
 bleeding of said **fish**. The
 harvester preferably
 automatically gauges the **size** of
 the **fish** and positions the **fish**
 and the slaughtering member
 relative to each other, with
 reference to the **size** of the **fish**, in
 order to allow effective
 operation. A method of
 automatically slaughtering **fish**
 is also provided.

11/14 © EPODOC / EPO

- PN - [RU2152155](#) C1 20000710
 PR - GB19950013271 19950629
 AP - RU19980101237 19960701
 DT - I
 CCI - [A22B3/083](#) ; [A22C25/00](#)
 PA - NORDISCHER MASCHINENBAU [DE]
 TI - **FISH** PRIMARY PROCESSING
 APPARATUS
 AB - food-processing industry, in
 particular, equipment for
 automatic and humane killing
 of **fish**. SUBSTANCE: apparatus
 has **fish** receptacle with entrance



for delivery of **fish** into receptacle and exit for removal of **fish** from receptacle, **fish** positioning and retaining devices, units for killing **fish** by contacting with part of **fish** body and killing units drive. One of **fish** killing units has pointed rod for penetrating into **fish** brain and other killing unit has cutting blade. During operation of apparatus, it automatically determines **fish size**, puts it together with killing units in required relative position depending on **fish size** and cuts great blood vessel for providing **fish** bleeding. EFFECT: increased efficiency, simplified construction and enhanced reliability in operation. 32 cl, 20 dwg

12/14 © EPODOC / EPO

PN - [JPH01202239](#) A 19890815

PNFP - JPH0426811B B2 19920508

PR - JP19880025091 19880205

AP - JP19880025091 19880205

DT - I

CCI - [A22B3/083](#) ; [A22B3/005](#)

FI - A22B3/08

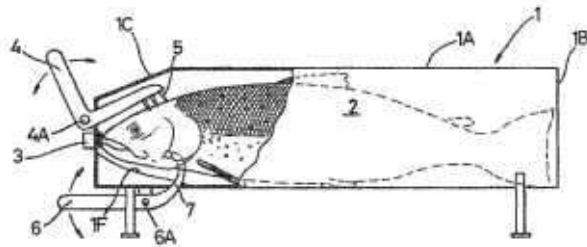
PA - (A)
ASAHI ENGINEERING

TI - (A)
METHOD FOR INSTANTLY KILLING **FISHES**

AB - (A)
PURPOSE:To effectively prevent deterioration in freshness of **fishes** catchable in large quantities, by charging caught live **fishes** into cooled seawater or cooled brine containing an inert fluid dissolved therein and instantly killing the **fishes**.
CONSTITUTION:For example, seawater is filled in a **fish** hold and an inert fluid, such as gaseous carbon dioxide gas or nitrogen gas, is blown from a gas cylinder through a communicating pipe and dissolved from a blowing pipe in the seawater in the **fish** hold. Captured small- **sized fishes**, such as sardine, catchable in a large quantities in a live state are charged into the cold seawater in this state of oxygen deficiency and instantly killed in the same manner as squeezing.

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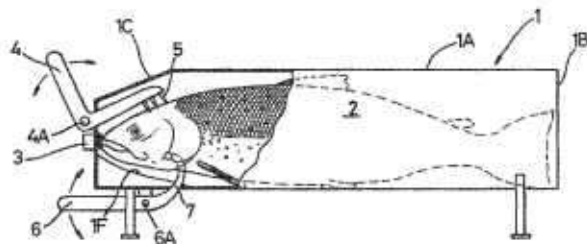
PN - [WO9701285](#) A1 19970116
 PR - GB19950013271 19950629
 AP - WO1996GB01583 19960701
 DT - *; Rep
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 [X] (TUMMESCHEIT HANNA [DE])
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 [X] (HORST)
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 [DA] (BUDDECKE WILLIAM A)
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 [A] (MORSKI INSTYTUT RYBACKI)
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[DE628177](#) C 19360331
 [A] (ANNAGUELDENZOPH);
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 [A] (KUHFUSS JUERGEN [DE]);
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 [A] (KING JAMES J [CA]);
[DE1654992](#) B1 19710311
 [A] (NORDISCHOER MASCHB RUD
 BAADER);
[US5376043](#) A 19941227
 [DA] (CARTER WILLIAM D [US]);
[GB2065447](#) A 19810701
 [A] (NORDISCHER
 MASCHINENBAU)



CCI - [A22B3/083](#) ; [A22C25/00](#)
PA - JOHNSON JAMES GEORGE [GB]
TI - **FISHHARVESTER**
AB - A **fish** harvester for the automatic and humane slaughter of **fish** comprises a **fish** accommodating space having an entrance for insertion of a **fish** and an exit for removal of a **fish**. The harvester includes means for positioning and retaining a **fish**, a slaughtering member for slaughtering a **fish** by contact with some portion of a **fish**; and driving means for driving said slaughtering member. The slaughter member preferably includes spikes for insertion into the brain of the **fish**. The harvester preferably automatically severs a major blood vessel in order to allow bleeding of said **fish**. The harvester preferably automatically gauges the **size** of the **fish** and positions the **fish** and the slaughtering member relative to each other, with reference to the **size** of the **fish**, in order to allow effective operation. A method of automatically slaughtering **fish** is also provided.

14/14 © EPODOC / EPO

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DT - I
CCI - [A22B3/083](#) ; [A22C25/00](#)
PA - (A1 C)
NORDISCHER MASCHINENBAU [DE]
TI - (A1 C)



FISHHARVESTER

AB

- (A1)

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- (C)

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