

Title (en)  
FISH SORTING ARRANGEMENT

Title (de)  
FISCHSORTIERANORDNUNG

Title (fr)  
DISPOSITIF DE TRI DE POISSONS

Publication  
**EP 3801006 A4 20220302 (EN)**

Application  
**EP 19815376 A 20190125**

Priority  
• NO 20180789 A 20180608  
• NO 2019050020 W 20190125

Abstract (en)  
[origin: WO2019235937A1] A fish sorting arrangement (1) comprising a first exit (1a) and a second exit (1b). It has a fish sorting surface (30) configured to guide fish of a first size range or a first shape towards the first exit, and to guide fish of a second size range or fish of a second shape towards the second exit. The fish sorting surface has a plurality of rotating rollers (10) arranged next to each other in substantially one plane, wherein the rotating rollers comprise a helix structure (105). The helix structure comprises an outermost face (107) that extends in a helical pattern along the axial direction of the rotating roller (10), and an innermost face (109) that extends in a helical pattern along the axial direction of the rotating roller. The outermost face (107) comprises a flat surface.

IPC 8 full level  
**A01K 61/95** (2017.01); **A22C 25/04** (2006.01); **A22C 29/00** (2006.01); **B07B 1/14** (2006.01); **B07B 1/46** (2006.01); **B07B 13/04** (2006.01); **B07B 13/07** (2006.01); **B07B 13/08** (2006.01)

CPC (source: EP)  
**A22C 25/04** (2013.01); **A22C 29/005** (2013.01); **B07B 1/145** (2013.01); **B07B 1/15** (2013.01); **B07B 1/4636** (2013.01); **B07B 13/04** (2013.01); **B07B 13/08** (2013.01)

Citation (search report)  
• [X] CN 106140600 A 20161123 - UNIV HEBEI AGRICULTURE  
• [XI] CA 2351888 A1 20021227 - SCHELL PETER W [US]  
• [X] CN 203095090 U 20130731 - UNIV HEBEI AGRICULTURE  
• [A] GB 1262837 A 19720209 - WITTMANN PAUL [DE]  
• [A] GB 2138708 A 19841031 - TICKHILL ENG CO LTD  
• See references of WO 2019235937A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2019235937 A1 20191212**; EP 3801006 A1 20210414; EP 3801006 A4 20220302

DOCDB simple family (application)  
**NO 2019050020 W 20190125**; EP 19815376 A 20190125