Title (en)

MANUFACTURE METHOD AND APPARATUS FOR IMPROVED EFFICIENCY REDUCED COST ROPE FOR PELAGIC TRAWLS

Title (de)

HERSTELLUNGSVERFAHREN UND VORRICHTUNG FÜR EFFIZIENTERES UND KOSTENGÜNSTIGERES SEIL FÜR OFFENOZEANISCHE SCHLEPPNETZE

Title (fr)

PROCÉDÉ ET APPAREIL DE FABRICATION POUR UNE CORDE À COÛT RÉDUIT ET À EFFICACITÉ AMÉLIORÉE POUR CHALUTS PÉLAGIQUES

Publication

EP 3066245 A1 20160914 (EN)

Application

EP 14784532 A 20141003

Priority

- US 201361961049 P 20131003
- IS 2014050009 W 20141003

Abstract (en)

[origin: WO2015049701A1] The present disclosure provides a method for producing a rope (35) that is useful for forming mesh in pelagic trawls, that is stronger for a given amount of material, has lesser drag, is capable of exhibiting same or bettered lift when subjected to water flow at trawl mesh angles of attack, while also being less costly to manufacture, in comparison to known helix rope constructions. Most broadly the method and apparatus of the present disclosure include a standard braiding apparatus (11) where an additional planetary carrier apparatus orbits about the outside of the usual planetary carrier apparatus, at a same or similar height as the usual planetary carrier apparatus, at a lower speed than the usual planetary carrier apparatus, and preferably carrying less bobbins (19) than the usual planetary carrier apparatus.

IPC 8 full level

D04C 3/40 (2006.01); **D04C 1/12** (2006.01)

CPC (source: EP US)

D04C 1/12 (2013.01 - EP US); **D04C 3/40** (2013.01 - EP US); **D04C 3/46** (2013.01 - US); **D07B 7/165** (2013.01 - EP US); D07B 5/005 (2013.01 - EP US); D07B 2201/2086 (2013.01 - EP US); D07B 2201/209 (2013.01 - EP US); D10B 2403/02 (2013.01 - EP)

Citation (search report)

See references of WO 2015049701A1

Designated contracting state (EPC)

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