Title (en)

REDUCED-BULK, ENHANCED-RESILIENCE, LOWER-DRAG NETTING

Title (de)

NETZ MIT KLEINERER ANSTRÖMFLÄCHE, BESSEREM RÜCKSTELLVERMÖGEN UND KLEINEREM STRÖMUNGSWIDERSTAND

Title (fr)

FILET A TRAINEE DIMINUEE,A ELASTICITE ACCRUE ET A VOLUME REDUIT

Publication

EP 1402098 A4 20060503 (EN)

Application

EP 02736966 A 20020507

Priority

- US 0215787 W 20020507
- US 29186701 P 20010518
- US 29796501 P 20010612
- US 29815201 P 20010612
- US 30118501 P 20010626
- US 30963601 P 20010801
- US 36713402 P 20020322

Abstract (en)

[origin: WO02095107A1] Netting (15) includes mesh bars (26) made from twines (11,13) which possess physical properties that vary, change or alternate along a series of collinear mesh bars (26). The non-homogeneous media obtained by arranging in this way mesh bars (26) having varying physical properties may be configured to dampen or attenuate vibrations in the netting (15) such as harmonic oscillations (resonance). Furthermore, twines (11, 13) that attenuate vibrations may be chosen that also reduce the amount of material required to make netting (15) which has strength similar to or greater than conventional machine-made netting (15). Due to reduced vibration, the improved netting (15) lasts longer than conventional machine-made netting (15), and reduces the possibility of injury to fish which escape through a trawl's mesh cell openings.

IPC 1-7

D04G 1/00

IPC 8 full level

A01K 73/045 (2006.01); **A01K 75/00** (2006.01); **D03D 9/00** (2006.01); **D03D 19/00** (2006.01); **D04G 1/00** (2006.01)

CPC (source: EP)

A01K 73/045 (2013.01); **A01K 75/00** (2013.01); **D04G 1/00** (2013.01)

Citation (search report)

- [X] WO 9939572 A1 19990812 - MARTRAWL INC [US], et al
- [A] WO 9846070 A1 19981022 - MARTRAWL INC [US], et al
- [A] US 3129632 A 19640421 - STARR ROBERT J
- See references of WO 02095107A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02095107 A1 20021128; **WO 02095107 A8 20040521**; AU 2002309937 A1 20021203; CA 2447483 A1 20021128; EP 1402098 A1 20040331; EP 1402098 A4 20060503; IS 7023 A 20031111; NO 20035105 D0 20031117; NZ 529252 A 20050324

DOCDB simple family (application)

US 0215787 W 20020507; AU 2002309937 A 20020507; CA 2447483 A 20020507; EP 02736966 A 20020507; IS 7023 A 20031111; NO 20035105 A 20031117; NZ 52925202 A 20020507