



(51) International Patent Classification:

F16L 1/20 (2006.01) *F16L 1/23* (2006.01)
B63B 35/03 (2006.01)

(21) International Application Number:

PCT/NO2011/000280

(22) International Filing Date:

30 September 2011 (30.09.2011)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

20101362	30 September 2010 (30.09.2010)	NO
20101505	27 October 2010 (27.10.2010)	NO
20110989	7 July 2011 (07.07.2011)	NO

(71) Applicant (for all designated States except US):

KONGSBERG OIL & GAS TECHNOLOGIES AS
[NO/NO]; Solbråveien 45, N-1383 Asker (NO).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HAUGEN, Robert**
[NO/NO]; Skogbrynet 27 E, N-0283 Oslo (NO).
SCHWARTZ, Johan, Peter [NO/NO]; Bergsveien 39,
N-3095 Eidsfoss (NO). **DØHLEN, Stener** [NO/NO]; En-
gerjordet 96, N-1365 Blommenholm (NO). **HERØ, Gun-**

nar, Bolkesjø [NO/NO]; Butterudvn. 3, N-1339 Vøye-
nenga (NO).

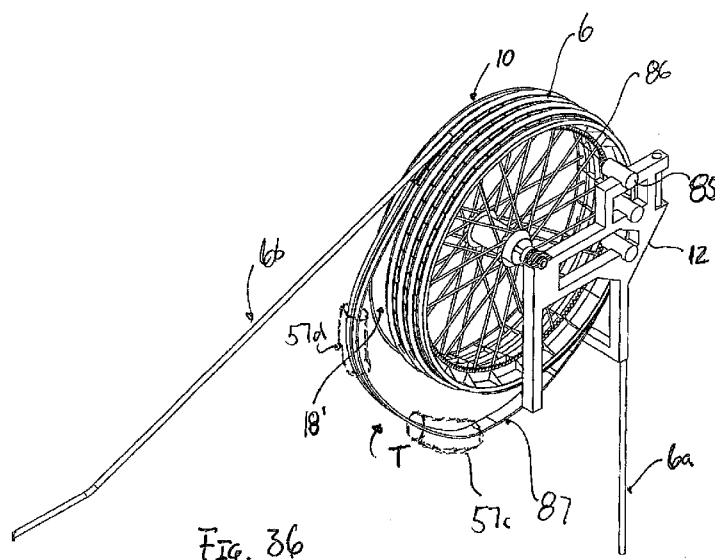
(74) Agents: **ONSAGERS AS** et al.; P.O. Box 6963 St. Olavs
plass, N-0130 Oslo (NO).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,
KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD,
ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI,
NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU,
RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA,
ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD,
RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ,
DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT,
LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS,
SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: APPARATUS AND METHOD OF LAYING AN ELONGATE ARTICLE FROM A VESSEL



(57) Abstract: An apparatus for feeding an elongate article (6) from a floating vessel and suspending a first portion (6a) of the elongate article in a body of water below the vessel, comprises a cylindrical body (10) rotatably supported on the vessel and driving means (85, 86) for controlling the rotation of the cylindrical body. The cylindrical body (10) further comprises a spooling-on region (P) and a spooling-off region (U) for the elongate article, and a cylindrical contacting surface (18) for interaction with at least a portion of the elongate article (6); the contacting surface (18) being configured so as to support the first portion (6a).



Published:

— with international search report (Art. 21(3))