

Title (en)

FLOATING BOOM, USE THEREOF AND METHOD FOR COLLECTING IMPURITIES ON A SEA SURFACE

Title (de)

SCHWIMMENDER AUSLEGER, VERWENDUNG DAVON UND VERFAHREN ZUR SAMMLUNG VON UNREINHEITEN AUF EINER WASSEROBERFLÄCHE

Title (fr)

BARRIÈRE FLOTTANTE, UTILISATION DE CELLE-CI ET PROCÉDÉ POUR COLLECTER DES IMPURETÉS À LA SURFACE DE LA MER

Publication

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Application

EP 10823663 A 20101015

Priority

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Abstract (en)

[origin: WO2011046449A1] A device is described for a boom (1) for collection of floating and/or solid polluting material from a sea surface, comprising an extended cloth (10) with floating elements (12) and also struts (20) that can hold the boom/cloth (10) in a mainly upright position in the sea, and where the cloth (10), at its lower end, further comprises weight elements to hold the boom down in the sea. The boom is characterised in that, in the longitudinal direction of the cloth (10), in the area of the cloth which is intended to be adjoining the surface of the water, a collection pocket (30) for the polluting materials that are collected from the whole length of the boom (10) is located, and the boom cloth also comprises one or more openings (32) that lead into said pockets. A method and different applications of the device are also described.

IPC 8 full level

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Citation (search report)

- [Y] US 4272214 A 19810609 - NYFELDT HARRY, et al
- [Y] GB 2105603 A 19830330 - WEST WATT JOHN [GB]
- [Y] EP 0033238 A2 19810805 - ASHWORTH IAN PAUL [GB], et al
- [Y] WO 2007017703 A1 20070215 - PERIL MICHEL [FR], et al
- [Y] US 3921407 A 19751125 - NEAL JAMES HENRY
- [A] FR 2131723 A5 19721110 - STAMFORD AUSTRALIA PTY
- [A] DE 102004022192 A1 20060112 - GOEBEL GERD [DE], et al
- [A] US 3984987 A 19761012 - LIGHT JR STANLEY C
- [A] DE 10300922 A1 20040722 - FICHT REINHOLD [DE]
- [A] US 4295756 A 19811020 - BLAIR RUSSELL M
- [A] WO 03062537 A1 20030731 - MIETH PETERSEN MICHAEL [SE]
- [A] US 5197821 A 19930330 - CAIN RICHARD E [US], et al
- See references of WO 2011046449A1

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