

Title (en)

DEVICE FOR SELECTIVELY REMOVING A LIGHT LIQUID LAYER AT THE SURFACE OF A WATER SHEET

Publication

EP 0093759 B1 19860129 (FR)

Application

EP 82903459 A 19821123

Priority

- FR 8121905 A 19811123
- FR 8123741 A 19811218

Abstract (en)

[origin: WO8301799A1] A device for depolluting a water sheet comprises a hull having a central portion (10) protruding with respect to two side portions (11) which delimit with the central portion delivery pipes to separators. The central portion has a wing (17) for generating swirls of which the orientation reduces the divergence of the surface flow. Each pipe (16) has a floor with a drifting profile with a protruding leading edge for slowing down the flow and for thickening the polluting layer. A vertical partitioning wall separates each pipe (16) into two subchannels of which one communicates downstream with the separator and the other one opens, at the rear portion of the device, into a pump (53).

IPC 1-7

E02B 15/04

IPC 8 full level

E02B 15/04 (2006.01); **E02B 15/10** (2006.01)

IPC 8 main group level

E02B (2006.01)

CPC (source: EP US)

B63B 35/32 (2013.01 - EP US); **E02B 15/046** (2013.01 - EP US); **Y10S 210/923** (2013.01 - EP US)

Cited by

US10945077B2

Designated contracting state (EPC)

BE DE FR GB NL SE

DOCDB simple family (publication)

WO 8301799 A1 19830526; BR 8207983 A 19831004; DE 3268897 D1 19860313; DK 331983 A 19830719; DK 331983 D0 19830719; EP 0093759 A1 19831116; EP 0093759 B1 19860129; JP S58502010 A 19831124; NO 157342 B 19871123; NO 157342 C 19880302; NO 832660 L 19830721; US 4491518 A 19850101

DOCDB simple family (application)

FR 8200198 W 19821123; BR 8207983 A 19821123; DE 3268897 T 19821123; DK 331983 A 19830719; EP 82903459 A 19821123; JP 50352082 A 19821123; NO 832660 A 19830721; US 52176083 A 19830725