

Title (en)
CLEANING DEVICE FOR LIQUID SURFACES

Publication
EP 0012067 B1 19830615 (FR)

Application
EP 79400899 A 19791122

Priority
FR 7834077 A 19781204

Abstract (en)
[origin: ES485496A1] A device for cleaning liquid surfaces to remove a pollutant therefrom. The device comprises a barrier adapted to float on the surface of the liquid. The barrier comprises two diverging wing portions. Inlet means are provided and are adapted to receive the polluted material prior to passing the polluted material to a recovery apparatus. The device further comprises only hitching means adapted to maintain each of the wings spaced from one another at one of their ends while the barrier is being towed. Each of the wing portions of the barrier comprises a wing rope adapted to at least partially float on the liquid surface. The barrier further comprises a tow rope arranged between each of the wing ropes which is adapted to pull the recovery apparatus thereby exerting a tension on each of the wing ropes while maintaining each of the wing ropes such that they do not substantially curve in the horizontal plane relative to the surface while nevertheless allowing for movement of the wing ropes in a vertical plane with respect to the surface.

IPC 1-7
B63B 35/32; **E02B 15/04**

IPC 8 full level
C02F 1/40 (2006.01); **E02B 15/04** (2006.01); **E02B 15/10** (2006.01)

CPC (source: EP US)
E02B 15/08 (2013.01 - EP US); **E02B 15/0842** (2013.01 - EP US); **Y10S 210/923** (2013.01 - EP)

Cited by
US11473259B2; WO2019170957A3

Designated contracting state (EPC)
BE DE GB IT NL SE

DOCDB simple family (publication)
EP 0012067 A1 19800611; **EP 0012067 B1 19830615**; DE 2965689 D1 19830721; ES 485496 A1 19800516; FR 2443376 A1 19800704; FR 2443376 B1 19820528; JP S55109485 A 19800822; US 4294698 A 19811013

DOCDB simple family (application)
EP 79400899 A 19791122; DE 2965689 T 19791122; ES 485496 A 19791029; FR 7834077 A 19781204; JP 15571279 A 19791203; US 9772479 A 19791126