

Title (en)  
FLOATING DREDGER

Publication  
**EP 0185859 A3 19880127 (DE)**

Application  
**EP 85112168 A 19850925**

Priority  
• DE 3445610 A 19841214  
• DE 3501078 A 19850115

Abstract (en)  
[origin: EP0185859A2] A dredger has a floating body (1) supporting a cross beam (3) provided with a travelling arm (4) for a travelling crab (5). The travelling crab (5) carries a lifting mechanism (6) for a grab (8), which can be raised and lowered via a rope (9). The weight of the grab is counter-balanced by a counter-balance weight (12), which is coupled via a rope (10) to the grab (8) so as to move in a counter direction to the grab when the grab is raised and lowered. The use of a counter-balance reduces the effective dead weight of the grab, improving the efficiency of the lifting mechanism. <IMAGE>

IPC 1-7  
**B66C 23/76**; **E02F 9/18**

IPC 8 full level  
**B66C 11/16** (2006.01); **B66C 19/00** (2006.01); **B66C 23/52** (2006.01); **E02F 3/413** (2006.01); **E02F 9/18** (2006.01)

CPC (source: EP)  
**B66C 11/16** (2013.01); **B66C 19/00** (2013.01); **B66C 23/52** (2013.01); **E02F 3/4131** (2013.01); **E02F 9/18** (2013.01)

Citation (search report)  
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Designated contracting state (EPC)  
BE DE LU NL SE

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 85112168 A 19850925**; AU 5057285 A 19851202; CA 495604 A 19851118; CH 492485 A 19851119; ES 547822 A 19851011; FR 8514447 A 19850930; GB 8528815 A 19851122; IT 8341485 A 19850927