

Title (en)  
Submersible pumping equipment.

Title (de)  
Versenkbare Pumpenausrüstung.

Title (fr)  
Equipement de pompage submersible.

Publication  
**EP 0091264 A1 19831012 (EN)**

Application  
**EP 83301759 A 19830329**

Priority  
GB 8209197 A 19820329

Abstract (en)  
Submersible equipment has a pumping unit 1 to transfer water and entrained solids from a suction end 2 to a discharge end 3. A jet-pump 13, operated by intake pump 11, entrains water and silt, sand, gravel etc through ducting supported on arms 19, 22 pivoted at 18, 20, 21 and 31 and operated over wide movement ranges by piston/cylinders e.g. 23, 33. This material is expelled through pivoted discharge ducting 40, 45, which can alternatively be replaced by a flexible tube anchored at its outer end. Dredging of trenches or areas, underwater land fill, sampling of the sea-bed e.g. for diamondiferous gravel, and water-jet blasting can be carried out even in the surf zone or areas of debris or shark attack.

IPC 1-7  
**E02F 3/88**; **E02F 7/10**

IPC 8 full level  
**E02F 3/88** (2006.01); **E02F 3/90** (2006.01); **E02F 7/10** (2006.01)

CPC (source: EP)  
**E02F 3/8858** (2013.01); **E02F 3/90** (2013.01); **E02F 3/905** (2013.01); **E02F 7/10** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0091264 A1 19831012**

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