

Title (en)
PUMPING APPARATUS

Publication
EP 0251781 A3 19890315 (EN)

Application
EP 87305829 A 19870701

Priority
GB 8616194 A 19860702

Abstract (en)
[origin: EP0251781A2] A pump apparatus is provided for removing viscous material from containers (1). The apparatus comprises a pump assembly (3,4) adapted to fit sealingly within the container to extract material from the container beneath a seal of the assembly. A rigid mounting means (4) for the assembly is movable in use upwardly and downwardly on second mounting means (5). The second mounting means (5) are movable in a translational direction along elongate support means (6) to bring the assembly into position for pumping one or more other containers. The apparatus enables successive containers to be pumped in quick succession but without any loss in the rigidity of the pumping apparatus.

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F04B 23/02

IPC 8 full level
B67D 5/44 (2006.01); **B67D 5/64** (2006.01); **B67D 7/62** (2010.01); **B67D 7/84** (2010.01)

CPC (source: EP)
B67D 7/62 (2013.01); **B67D 7/645** (2013.01); **B67D 7/84** (2013.01)

Citation (search report)

- [Y] US 4312463 A 19820126 - DABY LANCE H
- [Y] DE 2703947 A1 19780803 - ENGINEERED METAL PRODUCTS
- [APD] US 4632281 A 19861230 - WOLD ROBERT E [US]
- [A] US 3031106 A 19620424 - THOMAS HOOKER

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

DOCDB simple family (publication)
EP 0251781 A2 19880107; **EP 0251781 A3 19890315**; GB 2193952 A 19880224; GB 8616194 D0 19860806

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