

Title (en)
Pump device.

Title (de)
Pumpeinrichtung.

Title (fr)
Dispositif de pompage.

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EP 0212728 A1 19870304 (EN)

Application
EP 86201340 A 19860730

Priority
NL 8502193 A 19850806

Abstract (en)
Three cylinder pump (1,2,3) device having displacer members (5,6,7) driven by hydraulic cylinders (22-24) and a control mechanism (31) programmed to ensure constant values for suction as well as delivery of the device, the control mechanism (31) comprising a position recorder (36,38) for the displacer members (8-10).

IPC 1-7
F04B 11/00; **F04B 9/10**; **F04B 7/00**

IPC 8 full level
F04B 7/00 (2006.01); **F04B 9/10** (2006.01); **F04B 9/117** (2006.01); **F04B 11/00** (2006.01)

CPC (source: EP)
F04B 7/00 (2013.01); **F04B 9/1172** (2013.01); **F04B 11/00** (2013.01); **F04B 11/005** (2013.01); **F04B 11/0058** (2013.01)

Citation (search report)
• [X] US 4527954 A 19850709 - MURALI BEEGAMUDRE N [US], et al
• [A] DE 1500511 B2 19721102
• [X] PATENTS ABSTRACTS OF JAPAN, vol. 8, no. 224, 13th October 1984, page 55 M 331; & JP-A-59 105 977 (HITACHI SEISAKUSHO K.K.) 19-06-1984
• [Y] PATENTS ABSTRACTS OF JAPAN, vol. 8, no. 132, 20th June 1984, page 35 M 303; & JP-A-59 32 681 (HITACHI SEISAKUSHO K.K.) 22-02-1984

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