

Title (en)
BELLOWS PUMP

Publication
EP 0135010 B1 19870114 (DE)

Application
EP 84108277 A 19840713

Priority
DE 3326250 A 19830721

Abstract (en)
[origin: US4655690A] A bellows pump with the improvement of an adjustable index for uniformly controlling the amount of fluid displaced in each expansion and compression cycle.

IPC 1-7
F04B 43/00; **F04B 13/00**; **A47L 15/44**

IPC 8 full level
F04B 43/08 (2006.01); **A47L 15/44** (2006.01); **F04B 13/00** (2006.01); **F04B 43/00** (2006.01)

CPC (source: EP US)
F04B 13/00 (2013.01 - EP US); **F04B 43/0063** (2013.01 - EP US)

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

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US 4655690 A 19870407; AT E24951 T1 19870115; DE 3326250 A1 19850131; DE 3462061 D1 19870219; EP 0135010 A1 19850327; EP 0135010 B1 19870114; JP S6036793 A 19850225

DOCDB simple family (application)
US 80036585 A 19851121; AT 84108277 T 19840713; DE 3326250 A 19830721; DE 3462061 T 19840713; EP 84108277 A 19840713; JP 14614984 A 19840716