

Title (en)
PUMP

Title (de)
PUMPE

Title (fr)
POMPE

Publication
EP 0363420 B2 19960207 (DE)

Application
EP 88905368 A 19880604

Priority
• DE 3718866 A 19870605
• EP 8800498 W 19880604

Abstract (en)
[origin: DE3718866A1] In order to achieve uniform throughput and high performance in a Roots-type pump, the surface-generating lines (17) of each runner (6 resp. 7) originating from the point of intersection (18) of the major transverse axis (15 resp. 6) are inclined in opposite directions to the corresponding median longitudinal axis (8 resp. 9).

IPC 1-7
F04C 2/16

IPC 8 full level
F04C 2/08 (2006.01); **F04C 2/16** (2006.01); **F01C 1/12** (2006.01)

CPC (source: EP)
F04C 2/084 (2013.01); **F04C 2/16** (2013.01); **F01C 1/126** (2013.01)

Cited by
DE4121684C2; DE102006041633A1; US7766635B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
DE 3718866 A1 19881222; DE 3861857 D1 19910404; EP 0363420 A1 19900418; EP 0363420 B1 19910227; EP 0363420 B2 19960207; WO 8809877 A1 19881215

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