

Title (en)
PUMP.

Title (de)
PUMPE.

Title (fr)
POMPE.

Publication
EP 0363420 A1 19900418 (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).

Abstract (fr)
Afin d'assurer un débit régulier et un pompage à haut rendement avec une pompe volumétrique du type Roots, les lignes génératrices (17) de la surface de chaque curseur (6 resp. 7) partent du point d'intersection (18) des grands axes transversaux (15 resp. 16) et s'étendent obliquement en sens opposés par rapport à l'axe longitudinal médian (8 resp. 9) correspondant.

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)

Citation (search report)
See references of WO 8809877A1

Cited by
DE102006041633A1; DE4121684C2; US7766635B2

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

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

DOCDB simple family (application)
DE 3718866 A 19870605; DE 3861857 T 19880604; EP 8800498 W 19880604; EP 88905368 A 19880604