

Title (en)
CENTRIFUGAL PUMP

Publication
EP 0250973 A3 19891213 (DE)

Application
EP 87108462 A 19870611

Priority
DE 3622168 A 19860702

Abstract (en)
[origin: EP0250973A2] In the case of a centrifugal pump with an impeller (10), which is located centrically behind an inlet aperture (16) and surrounded by a pump chamber (14) adjoined by a collecting chamber (11), which has an outlet aperture (12), the intake rate, particularly the dry intake, is improved by the fact that the pump chamber (14) is sealed off from the collecting chamber (11) in a radial direction by side walls (17), the side walls (17) having at least one through passage (18) and the entire area of the through passage being between 100 and 200% of the size of the inlet aperture (16). <IMAGE>

IPC 1-7
F04D 29/42

IPC 8 full level
F04D 29/42 (2006.01)

CPC (source: EP)
F04D 29/426 (2013.01)

Citation (search report)

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Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0250973 A2 19880107; EP 0250973 A3 19891213; EP 0250973 B1 19910123; DE 3622168 A1 19880114; DE 3622168 C2 19891228; DE 3767585 D1 19910228

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EP 87108462 A 19870611; DE 3622168 A 19860702; DE 3767585 T 19870611