

Title (en)

Method of cooling the shaft of a gear pump rotor

Title (de)

Verfahren zur Kühlung der Welle eines Zahnradpumpen-Rotors

Title (fr)

Procédé de refroidissement pour l'arbre du rotor d'une pompe à engrenages

Publication

EP 0607999 B1 19960417 (DE)

Application

EP 94102363 A 19940217

Priority

EP 94102363 A 19940217

Abstract (en)

[origin: EP0607999A2] In order to prevent, in a shaft cooling system, the gearing from being cooled in an unacceptable manner, the radial heat flow is reduced in the gearing region (7v) of the shaft, with respect to the heat flow in shaft regions to be cooled (7), for example by an insulating air chamber (19). <IMAGE>

IPC 1-7

F04C 15/00; **F04C 2/14**

IPC 8 full level

F04C 15/00 (2006.01); **F04C 2/10** (2006.01)

CPC (source: EP US)

F04C 15/0096 (2013.01 - EP US); **F04C 2/10** (2013.01 - EP US); **F04C 2240/60** (2013.01 - EP US)

Cited by

DE10031470A1; EP0822336A3; CN108150410A; US6280164B1; WO0201072A1; US6761546B2

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