

Title (en)  
VACUUM PUMP

Title (de)  
VAKUUMPUMPE

Title (fr)  
POMPE À VIDE

Publication  
**EP 2715138 A4 20141217 (EN)**

Application  
**EP 12791988 A 20120529**

Priority  
• JP 2011123979 A 20110602  
• JP 2012064347 W 20120529

Abstract (en)  
[origin: WO2012165646A1] A vacuum pump (10) has a pump casing (54) including pump chambers (50a-50f) held in fluid communication with each other and arrayed in a longitudinal direction thereof, an inlet port (52a) and an outlet port (52b), a rotational shaft (58) rotatably supported at opposite ends thereof and extending in the longitudinal direction of the pump casing (54), and rotors (60a-60f) housed in the pump chambers (50a-50f) and coupled to the rotational shaft (58). The pump casing (54) includes a first thermally conductive member (72) extending parallel to the rotational shafts (58) substantially the full length of the pump casing (54) in the longitudinal direction thereof, and a second thermally conductive member (74) positioned near an end of the first thermally conductive member (72) at the outlet port (52b) and extending in a transverse direction of the pump casing (54).

IPC 8 full level  
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**F04C 18/126** (2013.01 - EP US); **F04C 18/18** (2013.01 - KR); **F04C 23/00** (2013.01 - KR); **F04C 25/02** (2013.01 - EP KR US); **F04C 29/04** (2013.01 - EP US); **F04C 23/001** (2013.01 - EP US); **F04C 2220/30** (2013.01 - EP US); **F04C 2240/30** (2013.01 - EP US); **F04C 2280/02** (2013.01 - EP US)

Citation (search report)  
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