

Title (en)
PUMP

Title (de)
Pumpe

Title (fr)
Pompe

Publication
EP 2565466 A2 20130306 (EN)

Application
EP 12175033 A 20120705

Priority
JP 2011186458 A 20110829

Abstract (en)
A pump 1 comprises a motor 2; an impeller 3 configured to be rotated by the motor 2 to flow fluid; and a pump case 4 for forming a pump room 11 in which the impeller 3 being accommodated. The impeller 3 is a closed-type impeller having a front shroud 33, a rear shroud 32 and a plurality of blades 31 therebetween. The impeller 3 is arranged so that the front shroud 33 faces to the pump case 4 with an interspace 6 therebetween in the axial direction Ax of the impeller 3. The pump 1 is characterized by further comprising a flow suppressing means 7 configured to suppress the flow of the fluid in the radial direction Rad of the impeller 3 in the interspace 6.

IPC 8 full level
F04D 29/16 (2006.01)

CPC (source: EP)
F04D 29/167 (2013.01)

Citation (applicant)
JP 2008240656 A 20081009 - MATSUSHITA ELECTRIC WORKS LTD

Cited by
EP3150857A1; US10451074B2

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