

Title (en)

Liquid ring gas pump system with a machine foundation made of concrete-like base material

Title (de)

Flüssigkeitsring-Gaspumpensystem mit einem Maschinenfundament aus betonartigem Grundmaterial

Title (fr)

Système de pompe à gaz à anneau liquide doté d'une fondation de machine en matériau de base de type béton

Publication

EP 2230406 A3 20141203 (DE)

Application

EP 10000788 A 20100127

Priority

DE 102009007403 A 20090131

Abstract (en)

[origin: EP2230406A2] The system (1) has a machine base (2) partially made as a cast mold part (3) of concrete or concrete-like base materials. The mold part is impregnated with an impregnating agent such as polymer, in a liquid- or gas tight manner. The mold part is provided with liquid- or gas tight surface coating. The mold part is provided with liquid- or gas tight outer casings and/or liquid- or gastight channel sections (9) of plastic and/or metal- and/or ceramic- and/or rubber materials. The channel sections are arranged in channels (9). The mold part is provided with steel mats and/or steel fibers and/or plastic- or glass fibers.

IPC 8 full level

F04C 19/00 (2006.01); **F01C 21/00** (2006.01); **F04C 29/00** (2006.01); **F04C 29/04** (2006.01)

CPC (source: EP)

F01C 21/007 (2013.01); **F04C 19/001** (2013.01); **F04C 19/004** (2013.01); **F04C 29/0092** (2013.01); **F04C 29/04** (2013.01); **F04C 2210/24** (2013.01); **F04C 2230/604** (2013.01); **F04C 2270/07** (2013.01); **F04C 2270/12** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

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