

Title (en)
Screw spindle pump

Title (de)
Schraubenspindelpumpe

Title (fr)
Pompe à vis

Publication
EP 2916007 B1 20170215 (DE)

Application
EP 14195862 A 20141202

Priority
DE 102014102390 A 20140225

Abstract (en)
[origin: CN104863847A] The invention provides a screw spindle pump (5) having a housing (6) which a drive spindle (7) and at least one running spindle (8) having profile assemblies which engage inside each other are received, the free end of the drive spindle (7) and the end portion of the running spindle (8) being supported on a plate (12,21) which is arranged in the housing (6), the plate (12,21) having two faces (13,14,22,23) which are inclined in opposing directions relative to each other and which form a V-shaped and on which one of the spindles is supported, respectively.

IPC 8 full level
F04C 2/16 (2006.01)

CPC (source: CN EP US)
F01C 21/108 (2013.01 - CN EP US); **F04C 2/16** (2013.01 - CN EP US); **F04C 3/085** (2013.01 - US)

Citation (opposition)
Opponent : Leistritz Pumpen GmbH
• DE 19749572 A1 19990512 - FRIEDEN PETER DIPL ING [DE]
• GB 645817 A 19501108 - IMO INDUSTRI AB
• "Schraubenspindelpumpen und Systeme", LEISTRITZ KATALOG, September 2006 (2006-09-01), XP055854026

Cited by
US11319953B2

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