

Title (en)

SCROLL PUMP AND METHOD FOR OPERATING A SCROLL PUMP

Title (de)

SCROLLPUMPE UND VERFAHREN ZUM BETREIBEN EINER SCROLLPUMPE

Title (fr)

POMPE À SPIRALES ET PROCÉDÉ DE FONCTIONNEMENT D'UNE POMPE À SPIRALES

Publication

**EP 3508727 B1 20200513 (DE)**

Application

**EP 19158257 A 20151006**

Priority

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- EP 15188515 A 20151006

Abstract (en)

[origin: JP2017072137A] PROBLEM TO BE SOLVED: To provide a scroll pump having an improved electric drive portion.SOLUTION: A scroll pump, in particular, a scroll vacuum pump has at least one scroll pump stage (19) for transporting a gas from a gas inlet (15) to a gas outlet (17) through the scroll pump stage (19), and an electric motor (53) having a stator (55) and a rotor (57), and the rotor (57) is connected to a movable part (21) of the scroll pump stage (19) to drive the movable part (21) of the scroll pump stage (19). A transmission motor (53) is a synchronous motor.SELECTED DRAWING: Figure 1

IPC 8 full level

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