

Title (en)
Combined chain wheel stator unit

Title (de)
Kombinierte Kettenrad-Stator-Einheit

Title (fr)
Unité stator-roue d'entraînement combinée

Publication
EP 2372119 B1 20141015 (DE)

Application
EP 11160741 A 20110331

Priority
DE 102010003546 A 20100331

Abstract (en)
[origin: EP2372119A1] The stator (1) comprises a gear wheel section (4) which has multiple teeth distributed over the circumference of the stator, and a housing section (5), which is arranged in axially displacing manner on the gear wheel section and surrounds a cavity (3). Wings (9) are provided, which are formed at the housing section and are extended in the cavity. The stator is an integrally sintered part. The stator is formed from a sintered material on aluminum base. Independent claims are also included for the following: (1) a valve control shaft-displacement device with a pressure chamber; and (2) a method for manufacturing a stator.

IPC 8 full level
F01L 1/344 (2006.01)

CPC (source: EP)
B22F 3/164 (2013.01); **B22F 5/08** (2013.01); **F01L 1/3442** (2013.01); **F01L 2301/00** (2020.05); **F01L 2303/00** (2020.05)

Cited by
CN108443456A; US2022056819A1; US2022056818A1; US11629619B2; EP2746545B1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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