

Title (en)
Driving device.

Title (de)
Antriebsvorrichtung.

Title (fr)
Dispositif d'entraînement.

Publication
EP 0492141 B1 19940126 (DE)

Application
EP 91119938 A 19911123

Priority
DE 4041158 A 19901221

Abstract (en)
[origin: EP0492141A2] A description is given of a driving device for a fan which cools a coolant of an internal combustion engine driving a vehicle. This driving device has a planetary gear set, to the outer sun gear of which the fan is connected in torsionally rigid fashion. In order to be able to achieve a further improvement to the cooling capacity in a simple and, in particular, space-saving way, it is proposed, in addition, to use the outer sun gear to drive a further coolant pump arranged in the coolant circuit of the internal combustion engine. <IMAGE>

IPC 1-7
F01P 7/04; **F01P 5/12**; **F01P 7/16**

IPC 8 full level
F01P 5/12 (2006.01); **F01P 7/04** (2006.01); **F01P 7/16** (2006.01)

CPC (source: EP)
F01P 5/12 (2013.01); **F01P 7/046** (2013.01); **F01P 7/167** (2013.01); **F01P 2060/06** (2013.01)

Cited by
EP2096276A1; EP1557543A3; EP0826892A1

Designated contracting state (EPC)
DE ES FR IT

DOCDB simple family (publication)
EP 0492141 A2 19920701; **EP 0492141 A3 19920923**; **EP 0492141 B1 19940126**; DE 4041158 C1 19920820; DE 59100953 D1 19940310; ES 2051065 T3 19940601

DOCDB simple family (application)
EP 91119938 A 19911123; DE 4041158 A 19901221; DE 59100953 T 19911123; ES 91119938 T 19911123