

Title (en)
ARRANGEMENT OF ANCILLARY EQUIPMENT FOR COMBUSTION ENGINES

Publication
EP 0052760 B1 19840926 (DE)

Application
EP 81108611 A 19811021

Priority
DE 3044253 A 19801125

Abstract (en)
[origin: US4436067A] An internal combustion engine includes a drive connection for auxiliary equipment. The equipment includes a step-down gear and a pump impeller of a coolant pump and a pump wheel of a lubricating oil gear pump situated on a common shaft. The drive connection of the engine is characterized in that pump wheels of the lubricating oil gear pump form the step-down gear for the coolant pump.

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F02B 67/04

IPC 8 full level
F01M 1/02 (2006.01); **F01P 5/12** (2006.01); **F02B 67/04** (2006.01)

CPC (source: EP US)
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Cited by
EP0178782A1; WO2014059965A3; DE102021110123A1; DE102021110123B4

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EP 0052760 A2 19820602; EP 0052760 A3 19830216; EP 0052760 B1 19840926; DE 3044253 A1 19820624; DE 3166351 D1 19841031; JP S57116116 A 19820720; JP S6042329 B2 19850921; US 4436067 A 19840313

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