

Title (en)

Engine with a lubricating device for reducing wear between a timing chain and a tension pulley

Title (de)

Brennkraftmaschine mit einem Schmierungssystem zur Verminderung des Verschleisses zwischen einem Kettentrieb und einer Spannerriemenscheibe

Title (fr)

Moteur à combustion avec un dispositif de lubrification pour diminuer l' usure entre une courroie de distribution et une poulie tendeuse

Publication

**EP 1101905 A1 20010523 (EN)**

Application

**EP 99309079 A 19991116**

Priority

EP 99309079 A 19991116

Abstract (en)

An engine (2) has an oil slot unit with an oil inlet (271) that is communicated with an oil passage (26), and an oil outlet (272) that is directed to at least one of a timing chain (24, 34, 44, 54, 64) and a tension pulley (25, 35, 45, 55, 65) . Lubricating oil is pumped to flow from a crankcase (22, 52) to the oil slot unit via the oil passage (26), and is sprayed from the oil outlet (272) of the oil slot unit onto the at least one of the timing chain (24, 34, 44, 54, 64) and the tension pulley (25, 35, 45, 55, 65). Accordingly, wear between the timing chain (24, 34, 44, 54, 64) and the tension pulley (25, 35, 45, 55, 65) is reduced. <IMAGE>

IPC 1-7

**F01M 11/02**

IPC 8 full level

**F01M 11/02** (2006.01); **F01M 9/10** (2006.01)

CPC (source: EP)

**F01M 11/02** (2013.01); **F01M 9/108** (2013.01)

Citation (search report)

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- [A] US 5309878 A 19940510 - KANDLER WILLIAM C [US], et al
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