

Title (en)

Internal combustion engine with timing chain pre-assembly cassette

Title (de)

Hubkolbenmaschine mit einem Kettenkasten für einen vormontierten Kettentrieb

Title (fr)

Moteur à combustion interne avec cassette contenant une chaîne de distribution pré-assemblée

Publication

**EP 0818608 B1 20011017 (DE)**

Application

**EP 97110688 A 19970701**

Priority

DE 19628101 A 19960712

Abstract (en)

[origin: EP0818608A1] The chain drive (4') is inserted into a chain case (1), which is open at the top and bottom. It consists of a chain (4",6") pinion which is fitted to a shaft journal (7) on a crank shaft. A central screw (8) fitted into the crankshaft, and an oscillation damper or belt pulley (9) outside the chain case, press the pinion positively against the end face (5") of the crankshaft to transmit the required torque. There may be a second chain drive (6') with an additionally coaxial pinion (6), and with similar positive torque transmission via the screw.

IPC 1-7

**F01L 1/02**

IPC 8 full level

**F01L 1/02** (2006.01)

CPC (source: EP)

**F01L 1/02** (2013.01); **F01L 1/022** (2013.01); **F01L 1/024** (2013.01)

Cited by

CN111920358A

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 0818608 A1 19980114**; **EP 0818608 B1 20011017**; DE 59704929 D1 20011122; ES 2164964 T3 20020301

DOCDB simple family (application)

**EP 97110688 A 19970701**; DE 59704929 T 19970701; ES 97110688 T 19970701