

Title (en)

A 4-STROKE, MONO-CYLINDER, LIQUID-COOLED, INTERNAL COMBUSTION ENGINE, IN PARTICULAR FOR MOTORCYCLES OR QUADS

Title (de)

FLÜSSIGKEITSGEKÜHLTER 4-TAKT-MONOZYLINDER-VERBRENNUNGSMOTOR, INSBESONDERE FÜR MOTORRÄDER ODER QUADS

Title (fr)

MOTEUR À COMBUSTION INTERNE MONOCYLINDRIQUE À QUATRE TEMPS ET REFROIDISSEMENT PAR LIQUIDE, EN PARTICULIER POUR MOTOCYCLETTES OU QUADS

Publication

**EP 1899591 A1 20080319 (EN)**

Application

**EP 05768132 A 20050705**

Priority

EP 2005007977 W 20050705

Abstract (en)

[origin: WO2007003217A1] A 4-stroke, mono-cylinder, liquid cooled, internal combustion engine comprising a single piston able to reciprocate within a cylinder and connected with a connecting rod to a crankshaft and driving a balance shaft carrying at least one balance weight and at least one camshaft for actuating a valve train by means of a timing chain or belt, characterised in that the balance shaft is driven from the crankshaft through a 1:1 gearing ratio, and that the balance shaft also drives the valve train and a water pump of a coolant circuit.

IPC 8 full level

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CPC (source: EP)

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