

Title (en)

CAMSHAFT ARRANGEMENT OF A RECIPROCATING PISTON INTERNAL COMBUSTION ENGINE AND A RECIPROCATING PISTON INTERNAL COMBUSTION ENGINE HAVING SUCH A CAMSHAFT ARRANGEMENT

Title (de)

NOCKENWELLENANORDNUNG EINER HUBKOLBENBRENNKRAFTMASCHINE SOWIE HUBKOLBENBRENNKRAFTMASCHINE MIT EINER SOLCHEN NOCKENWELLENANORDNUNG

Title (fr)

ENSEMBLE ARBRES À CAMES DE MOTEUR À COMBUSTION INTERNE À PISTONS ALTERNATIFS ET MOTEUR À COMBUSTION INTERNE À PISTONS ALTERNATIFS DOTÉ D'UN TEL ENSEMBLE ARBRES À CAMES

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Application

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Abstract (en)

[origin: WO2015058953A1] The invention relates to a camshaft arrangement of a reciprocating piston internal combustion engine having at least one phase-adjustable intake camshaft and at least one phase-adjustable exhaust camshaft and a reciprocating piston internal combustion engine with such a camshaft arrangement. The object of the invention is to provide a camshaft arrangement for a reciprocating piston internal combustion engine comprising at least one phase-adjustable intake camshaft and at least one phase-adjustable exhaust camshaft and a reciprocating piston internal combustion engine with such a camshaft arrangement, which guarantees a quick start capability of the reciprocating piston internal combustion engine, can be cost-efficiently realized, and at the same time enables an increased precision during position determination of the camshaft. In a camshaft arrangement according to the invention for a reciprocating piston internal combustion engine comprising at least one phase-adjustable intake camshaft and at least one phase-adjustable exhaust camshaft, a quick start sensor wheel unit (10) is assigned to the at least one phase-adjustable exhaust camshaft and a precision sensor wheel unit (20) is assigned to the at least one phase-adjustable intake camshaft, wherein the precision sensor wheel unit (20) has a higher resolution than the quick start sensor wheel unit (10).

IPC 8 full level

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