

Title (en)

A single shaft timing system, particularly for internal combustion engines

Title (de)

Steuervorrichtung mit einziger Welle, insbesondere für Brennkraftmaschinen

Title (fr)

Dispositif de distribution à arbre unique, en particulier pour moteurs à combustion interne

Publication

**EP 0686754 A2 19951213 (EN)**

Application

**EP 95201083 A 19950427**

Priority

IT PD940087 A 19940512

Abstract (en)

The timing system (1) described comprises a unitary, tubular camshaft (2) and a phase variator (3) operatively associated therewith for varying the phase angle between first and second sets of cams (41a-d; 5a-d) of the shaft (2); the cams of the second set and of the first set are fixed for rotation with the camshaft and with an operating shaft (51) of the variator (3), respectively, so that a variation of the phase angle between the cams of the sets (4a-d; 5a-d) is brought about as a result of the active operation of the variator (3). <IMAGE>

IPC 1-7

**F01L 1/344**

IPC 8 full level

**F01L 1/344** (2006.01)

CPC (source: EP)

**F01L 1/34406** (2013.01)

Cited by

DE102011076652B4; US7513232B2; EP2527607A2; DE102011076652A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

**EP 0686754 A2 19951213; EP 0686754 A3 19960410; EP 0686754 B1 19991027;** DE 69512962 D1 19991202; DE 69512962 T2 20000504; IT 1268966 B1 19970318; IT PD940087 A0 19940512; IT PD940087 A1 19951112

DOCDB simple family (application)

**EP 95201083 A 19950427;** DE 69512962 T 19950427; IT PD940087 A 19940512