

Title (en)
SWITCHABLE VALVE TRAIN PART

Title (de)
SCHALTBARES VENTILTRIEBSTEIL

Title (fr)
ÉLÉMENT DE DISTRIBUTION COUPLABLE

Publication
EP 2132419 B1 20100811 (DE)

Application
EP 08717684 A 20080312

Priority
• EP 2008052938 W 20080312
• US 91034707 P 20070405
• DE 102007016739 A 20070407

Abstract (en)
[origin: WO2008122477A8] The invention relates to a switchable valve train part (1) such as a bucket tappet, comprising a housing (2) in the bore (3) of which an inner element (4) runs that is axially movable relative to said bore, said inner element comprising a radially continuous bore (6) comprising two coupler pistons (7) located opposite one another that, in order to create a coupled state, may be brought into engagement in sections with a respective crescent-shaped material clearance (14) in the bore (3) of the housing (2).

IPC 8 full level
F01L 13/00 (2006.01); **F01L 1/14** (2006.01); **F01L 1/25** (2006.01)

CPC (source: EP KR)
F01L 1/14 (2013.01 - KR); **F01L 1/143** (2013.01 - EP); **F01L 1/25** (2013.01 - EP KR); **F01L 13/00** (2013.01 - KR); **F01L 13/0005** (2013.01 - EP); **F01L 2307/00** (2020.05 - EP)

Cited by
US11339688B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102007016739 A1 20081009; AT E477402 T1 20100815; CN 101680313 A 20100324; DE 502008001125 D1 20100923; EP 2132419 A1 20091216; EP 2132419 B1 20100811; KR 101465280 B1 20141126; KR 20100015364 A 20100212; WO 2008122477 A1 20081016; WO 2008122477 A8 20091203

DOCDB simple family (application)
DE 102007016739 A 20070407; AT 08717684 T 20080312; CN 200880010625 A 20080312; DE 502008001125 T 20080312; EP 08717684 A 20080312; EP 2008052938 W 20080312; KR 20097020712 A 20080312