

Title (en)
Valve train with roller rocker arm

Title (de)
Ventiltrieb mit Rollenkipphebel

Title (fr)
Dispositif de commande de soupapes avec culbuteur à roulette

Publication
EP 1574677 A1 20050914 (EN)

Application
EP 05004843 A 20050304

Priority
JP 2004066732 A 20040310

Abstract (en)
A roller rocker arm type valve train (10) is provided with an inner roller (22) that is rotatably supported at a roller pin (26) fixed to a rocker arm (12) and an outer roller (24) that is rotatably supported around the inner roller (22) coaxially thereto. In the roller rocker arm type valve train, inclined surfaces (30, 32, 42, 44, 48) are formed on an outer peripheral edge of at least one of an outer circumferential surface of the inner roller (22) and an inner circumferential surface of the outer roller (24) in a predetermined range along a radial direction of the roller. <IMAGE>

IPC 1-7
F01L 1/18

IPC 8 full level
F01L 1/18 (2006.01)

CPC (source: EP)
F01L 1/18 (2013.01); **F01L 1/20** (2013.01); **F01L 2305/02** (2020.05); **F01L 2820/01** (2013.01)

Citation (search report)

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