

Title (en)
Tappet in an internal combustion engine and a method of manufacturing the tappet

Title (de)
Ventilstößel in einer Brennkraftmaschine und dessen Herstellungsverfahren

Title (fr)
Poussoir de soupape pour moteur à combustion interne et méthode de fabrication

Publication
EP 0841472 A1 19980513 (EN)

Application
EP 96117760 A 19961106

Priority
EP 96117760 A 19961106

Abstract (en)
Light metal tappets have been widely used in an internal combustion engine instead of conventional steel tappets. On the upper surface of a top wall (22) of a body (8), a wear resistant cam receiving plate (10) is put, and a projection (30) of the cam receiving plate (10) is engaged in a groove (28) of the top wall (22), so that the cam receiving plate (10) is integrally connected with the body (8), thereby making the tappet smaller and lighter.
<IMAGE>

IPC 1-7
F01L 1/14

IPC 8 full level
B21K 1/20 (2006.01); **F01L 1/14** (2006.01)

CPC (source: EP)
B21K 1/20 (2013.01); **F01L 1/143** (2013.01); **F01L 2303/00** (2020.05)

Citation (search report)
• [X] US 1649409 A 19271115
• [XA] US 5284112 A 19940208 - TAKEHARA TAKEICHIRO [JP], et al
• [A] EP 0592908 A1 19940420 - FUJI VALVE [JP]
• [X] PATENT ABSTRACTS OF JAPAN vol. 017, no. 021 (M - 1353) 14 January 1993 (1993-01-14)
• [X] PATENT ABSTRACTS OF JAPAN vol. 014, no. 198 (M - 0965) 23 April 1990 (1990-04-23)

Cited by
DE10360467A1; DE10360467B4

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0841472 A1 19980513; EP 0841472 B1 20001206; DE 69611174 D1 20010111; DE 69611174 T2 20010802

DOCDB simple family (application)
EP 96117760 A 19961106; DE 69611174 T 19961106