

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

Title (de)  
Ventilstößel einer Brennkraftmaschine und Herstellungsverfahren

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

Publication  
**EP 0806549 A1 19971112 (EN)**

Application  
**EP 96303151 A 19960503**

Priority  
EP 96303151 A 19960503

Abstract (en)  
A tappet is used in an internal combustion engine of vehicles. A core material of the tappet has a helical groove on the outer circumferential surface, and a wear resistant coating layer the ends of which are chamfered. In the vicinity of the end of the core material, the helical groove gradually becomes smaller toward the end, thereby preventing peaks of the helical groove from exposure to the outside. <IMAGE>

IPC 1-7  
**F01L 1/14**

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

CPC (source: EP)  
**F01L 1/143** (2013.01)

Citation (search report)  
• [A] GB 2245327 A 19920102 - T & N TECHNOLOGY LTD [GB]  
• [A] DE 3627505 A1 19880218 - MOTOMAK [DE]  
• [A] US 3715790 A 19730213 - REINBERGER W

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0806549 A1 19971112; EP 0806549 B1 20010718**; DE 69613959 D1 20010823; DE 69613959 T2 20011220; EP 1004753 A1 20000531;  
EP 1004753 B1 20020306

DOCDB simple family (application)  
**EP 96303151 A 19960503**; DE 69613959 T 19960503; EP 00200571 A 19960503