

Title (en)

Method of manufacturing a tappet for an internal combustion engine

Title (de)

Herstellungsverfahren für einen Stößel einer Brennkraftmaschine

Title (fr)

Méthode de fabrication d'un poussoir pour moteur à combustion interne

Publication

EP 0698727 A1 19960228 (EN)

Application

EP 95810122 A 19950224

Priority

JP 19954794 A 19940824

Abstract (en)

In a method of manufacturing a tappet for an internal combustion engine, powdered metal "P" filled in a cavity 22 of a die 21 is compressed by lower and upper punches 23 and 25 to form a body and a top wall of the tappet, and is sintered. During compression molding, frictional resistance of powdered material increases density of the upper and lower ends of the tappet, thereby improving strength and wear resistance. <MATH>

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Citation (search report)

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- [A] EP 0399400 A1 19901128 - FIAT AUTO SPA [IT]
- [A] US 3802849 A 19740409 - KIMURA T, et al
- [Y] PATENT ABSTRACTS OF JAPAN vol. 7, no. 211 (M - 243)<1356> 17 September 1983 (1983-09-17)
- [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 164 (M - 957) 30 March 1990 (1990-03-30)

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