

Title (en)
ROLLER FINGER FOLLOWER

Title (de)
ROLLENSCHLEPPHEBEL

Title (fr)
POUSOIR A GALET POURVU D'UN ROULEMENT

Publication
EP 1157193 A1 20011128 (EN)

Application
EP 99920002 A 19990426

Priority
US 9908935 W 19990426

Abstract (en)
[origin: WO0065202A1] A roller finger follower including: a stamped and cold extruded length of metal (20) having a general channel shape in cross section with first and second spaced apart side walls (22) joined by a web section (24); each of said side walls being of thickness t1; a pair of depending legs (34), one each of said legs extending downward from each of said side walls adjacent a first end of said side walls, each of said depending legs being of a thickness t2 less than the thickness t1 of the side wall from which it depends; a pallet section (36) at said first end of said side walls between said depending legs, said pallet section being adapted to receive an engine valve stem; a recessed socket (38) in said web section adjacent a second end of said side walls for receiving the end of a rod; said roller finger follower having a narrow section at the end including said pallet section and a wider main body section, the width of said narrow section being in the range of about 2.5t1 to 4.0t1; and the width of said pallet section between said depending legs being in the range of about 0.7t1 to about 3.6t1.

IPC 1-7
F01L 1/18

IPC 8 full level
F01L 1/18 (2006.01)

CPC (source: EP)
F01L 1/185 (2013.01); **F01L 2305/00** (2020.05); **F01L 2305/02** (2020.05)

Citation (search report)
See references of WO 0065202A1

Cited by
DE102008022601A1; US7694659B2; WO2008003653A1; DE102010033090A1; US8635979B2

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