

Title (en)

Device for facilitating the mounting of the snap rings of a piston pin of a vehicle engine

Title (de)

Vorrichtung zur leichteren Montage von Sicherungsringen einer Kolbenachse in einem Fahrzeugmotor

Title (fr)

Dispositif permettant de faciliter le montage des joncs d'arrêt d'un axe de piston de moteur de vehicule

Publication

**EP 2540446 B1 20140827 (FR)**

Application

**EP 12173504 A 20120626**

Priority

FR 1155979 A 20110701

Abstract (en)

[origin: EP2540446A1] The device has a piston holder including a positioning unit for positioning a piston pin (50) along direction such that the piston pin is arranged vertically. An assembly tool (1) pushes a snap ring (30) progressively in a receiving groove (52) provided in the piston pin. The assembly tool comprises engagement guides or flanges (12, 13) that hook and push the snap ring during downward movement and rotation of the tool until the snap ring is received in the receiving groove. An independent claim is also included for a method for assembly of a snap ring.

IPC 8 full level

**B25B 27/20** (2006.01)

CPC (source: EP)

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Cited by

CN104858635A; US9908225B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2540446 A1 20130102; EP 2540446 B1 20140827**; FR 2977179 A1 20130104; FR 2977179 B1 20130726

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