

Title (en)  
Adjustable wrench of the ring jaw-type.

Title (de)  
Einstellbarer Ring-Schraubenschlüssel.

Title (fr)  
Clés à écrous réglables du type à bague.

Publication  
**EP 0319042 A2 19890607 (DE)**

Application  
**EP 88120184 A 19881202**

Priority  
DE 3740874 A 19871202

Abstract (en)  
[origin: US4987805A] An adjustable eyebolt key includes a flat stem element having side limiting bars extending along the length thereof, an underside center section of a lesser thickness connecting the side limiting bars and which defines a recess therein and two key rings at opposite ends thereof; a tongue slidably positioned in the recess on the upper surface of the underside center section, with the ends of the tongue having the same thickness as the key ring within which it is slidable so as to adjust the grip of each key ring; a worm rotatably secured on the stem element for engagement with gear teeth at an edge of the tongue for actuating the tongue to move along the stem element so as to adjust the grip of each key ring; and a cross-tie in the vicinity of each key ring which secures the tongue on the stem element so as to permit movement of the tongue along the stem element.

Abstract (de)  
Es wird ein einstellbarer Ring-Schraubenschlüssel mit einem flachen Schaftelement (10), das an mindestens einem Ende einen Schlüsselring (20, 20') aufweist, dessen Griffweite mittels einer, in den Schlüsselring einschiebbaren und auf dem Schaftelement (10) geführten Zunge (14) einstellbar ist aufgezeigt, die über einen, am Schaftelement angebrachten Schneckentrieb (30) betätigbar ist. Hierbei ist die Zunge (14) im Bereich des Schlüsselringes (20, 20') über ein Querband (21, 21') auf dem Schaftelement (10) verschiebbar gehalten.

IPC 1-7  
**B25B 13/14**

IPC 8 full level  
**B25B 13/12** (2006.01); **B25B 13/14** (2006.01)

CPC (source: EP US)  
**B25B 13/12** (2013.01 - EP US); **B25B 13/14** (2013.01 - EP US)

Cited by  
RU2623377C2; CN101863001A; CN111331542A

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0319042 A2 19890607**; **EP 0319042 A3 19901122**; DE 3740874 A1 19890622; DE 3740874 C2 19891214; US 4987805 A 19910129

DOCDB simple family (application)  
**EP 88120184 A 19881202**; DE 3740874 A 19871202; US 41590289 A 19891002