

Title (en)
Centering device for toothed wheel

Title (de)
Vorrichtung zum Zentrieren von Zahnrädern

Title (fr)
Dispositif de centrage de roues dentees

Publication
EP 1716967 A1 20061102 (FR)

Application
EP 05103479 A 20050428

Priority
EP 05103479 A 20050428

Abstract (en)
The centering mechanism (12) consists of a support for the wheel and at least three radially-adjustable positioning elements (82), each having two keys with pointed tips that press against the sides of the wheel's teeth or are moved away from the teeth by a control unit (32). Each positioning element has an arm with an upper (88) and lower (84) portion, connected by an angled portion (86), and is able to pivot by its lower portion about a horizontal axis. The control unit has a cylindrical tube able to move parallel to the mechanism's reference axis (A-A') and at least one portion with an inner surface that co-operates with the arms and lies concentrically with that axis.

IPC 8 full level
B23P 15/14 (2006.01)

CPC (source: EP)
G04B 13/02 (2013.01); **G04D 3/002** (2013.01)

Citation (search report)
• [A] SU 1648722 A1 19910515 - KRAMATORSK NI PT I MASH [SU]
• [A] CS 263687 B1 19890414 - NECAS FRANTISEK ING [CS]
• [A] SU 1325289 A1 19870723 - KLYAUT LEONID K [SU], et al
• [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 08 30 August 1996 (1996-08-30)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1716967 A1 20061102; EP 1874500 A2 20080109; WO 2006114380 A2 20061102; WO 2006114380 A3 20070104

DOCDB simple family (application)
EP 05103479 A 20050428; EP 06743353 A 20060420; EP 2006061683 W 20060420