

Title (en)

COLLET WITH TRANSLATING JAWS FOR AUTOMATIC LATHES.

Title (de)

SPANNZANGE MIT VERSTELLBAREN SPANNBACKEN FÜR AUTOMATISCHE DREHMASCHINEN.

Title (fr)

PINCE DE SERRAGE AVEC MACHOIRES DE TRANSLATION POUR TOURS AUTOMATIQUES.

Publication

**EP 0664737 A1 19950802 (EN)**

Application

**EP 92924856 A 19921119**

Priority

- IT 9200145 W 19921119
- IT MI922388 A 19921016

Abstract (en)

[origin: WO9408744A1] Collet (20) for automatic lathes comprising externally conical jaws (21), three coaxial cup-like structures (50, 60, 70) consisting of a collar (51, 61, 71) and of longitudinally elastic tongues (55, 62, 72) acting on the jaws (21), and a reaction provoking ring (40) having a double internal taper (44, 45) which encircles the top (24) of the jaws (21) and the edge of the first cup (50) which is external and has a double internal taper (53) and external (52) and which in turn encircles the rear zone (25) of the jaws (21) thus producing a translating movement of the jaws (21) both during the closing phase of the collet (20), due to action by the edge of the first cup (50) and during the opening phase of the collet (20) due to elastic reaction by the tongues (62, 72) of the second and third cups (60, 70).

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