

Title (en)

Device for gripping, moving and/or turning axially symmetrical articles.

Title (de)

Vorrichtung zum Erfassen, Bewegen und/oder Drehen achssymmetrischer Gegenstände.

Title (fr)

Dispositif pour saisir, déplacer et/ou tourner des éléments axialement symétriques.

Publication

**EP 0503747 B1 19950215 (DE)**

Application

**EP 92250054 A 19920306**

Priority

DE 4107931 A 19910308

Abstract (en)

[origin: US5215507A] A device for the grasping, moving and/or turning of articles having axial symmetry, preferably round and/or tubular articles, consisting of a drive unit and a plurality of gripper elements connected with it which are each arranged on a pivotally movable part the parts being movable together with the gripper elements either annularly in the same direction and simultaneously concentrically towards the center or in likewise manner towards the outside. In order to provide a device for the dependable grasping and moving of articles having axial symmetry, preferably round and/or tubular articles, which, upon central grasping, makes possible also the turning of the article grasped, the gripper element (18, 19, 20, 41) is fastened in the outer edge region of a planet wheel (11, 12, 13) of a planet gearing mechanism which has at least two planet wheels and one sun wheel (10) and that the planet wheels (11, 12, 13) and the sun wheel (10) and frame are arranged on a shaft (16) which is connected to the drive unit (6).

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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