

Title (en)  
DEEP ROLLING HEAD

Title (de)  
FESTWALZROLLENKOPF

Title (fr)  
TETE DE ROULEAU D'ECROUissage

Publication  
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Application  
**EP 03727420 A 20030502**

Priority  
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Abstract (en)  
[origin: WO2004004972A1] The invention relates to a deep rolling head (1) on a deep rolling tool with deep work rollers (2), mounted to rotate in roller cages (3), which have a separation (4) from the middle of the underside (6) of the housing (7) of the deep rolling head (1) and are supported on the front side at the end of the long arm (9) of two L-shaped retainers (11), which may be adjusted and fixed in the direction of the middle (5). A first screw (13) engages in a longitudinal hole (12) in the long arm (9), by means of which the L-shaped retainer (11) is fixed to the underside (6) of the housing (7), whilst a second screw (14) engages in a drilling (26) in the adjacent front face (21) of the housing (7) through a drilling (15) in the short arm (10) and is provided for the precise locating of the roller cage (3) with relation to the middle (5). The L-shaped retainer (11) represented on the left side of the figure has a given first separation (18) from the middle (5) on a section (17) of the length of the front face (25) adjacent to the underside (6). The corresponding short arm (10) is supported on a section of the inner side thereof on the section (17) of the housing (7). The front face (8) of the corresponding long arm (9) which supports the roller cage (3) has a given second separation from said section (17).

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