

Title (en)

COUPLING PARTS FOR CONNECTING A DRIVING DEVICE TO AN EXPANDER HEAD

Title (de)

KUPPLUNGSTEILE ZUM VERBINDEN VON ANTRIEBSGERÄT UND EXPANDERKOPF

Title (fr)

ÉLÉMENTS D'ACCOUPLEMENT POUR RACCORDER UN APPAREIL D'ENTRAÎNEMENT À UNE TÊTE D'EXPANSEUR

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Abstract (en)

[origin: WO2012037935A1] The invention relates to a coupling part for a coupling for connecting a driving device (1) to an expander head (6; 6'; 6''), which is used to expand pipes and hoses and which is actuated by means of an expanding mandrel (5) driven by the driving device (1), wherein the coupling part is a first coupling part (20a; 20b), which can be associated with the driving device (1) and which can be connected to a second coupling part (60a; 60b) that can be associated with the expander head (6; 6'; 6''), wherein the coupling parts (20a, 60a; 20b, 60b) are arranged along an axis (A) when installed against each other, wherein the expanding mandrel (5) can be moved along said axis in order to actuate the expander head (6; 6'; 6''), and the first coupling part (20a; 20b) has a passage opening (21) extending in the direction of the axis (A) as a passage for the expanding mandrel (5). According to the invention, the first coupling part (20a; 20b) is provided with radially outwardly projecting circumferential sections (22a, 23a, 24a; 22b, 23b, 24b) on the circumference thereof, wherein the rear face (26) of said circumferential sections has at least one contact surface (27) for engaging the second coupling part (60a; 60b). The invention further relates to a coupling part (60a; 60b) associated with the expander head (6; 6'; 6''). The invention further relates to a coupling, comprising two coupling parts (20a, 60a; 20b, 60b), an expander head (6; 6'; 6''), and a driving device (1).

IPC 8 full level

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