

Title (en)

A LUBRICATING ARRANGEMENT FOR CONCRETE PISTON

Title (de)

SCHMIERANORDNUNG FÜR EINEN BETONKOLBEN

Title (fr)

SYSTÈME DE LUBRIFICATION POUR PISTON DE POMPE À BÉTON

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Application

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Abstract (en)

The invention relates to a lubricating apparatus for concrete piston, comprising a link (4), a grease injecting piston (6) and a grease adding valve (15). One end of the link (4) is connected with the concrete piston (3) arranged in the concrete transport cylinder (2), while the other end thereof is connected with the main oil cylinder (5) arranged in the water tank (1). A cavity is arranged inside the link (4). The grease injecting piston (6) is arranged in the cavity and separates the cavity into a grease storing cavity (8) and a pressurizing cavity (9). The grease adding valve (15) is communicated with the grease storing cavity (8) provided with a grease outlet. The pressurizing cavity (9) is communicated with a pressurizing mechanism (7) through a first one-way valve (14).

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