

Title (en)

ROTARY LEADTHROUGH FOR TWO MEDIA WITH A PRESSURE-CONTROLLED PASSAGE

Title (de)

DREHDURCHFÜHRUNG FÜR ZWEI MEDIEN MIT EINEM DRUCKGESTEUERTEN DURCHGANG

Title (fr)

PASSAGE TOURNANT POUR DEUX MILIEUX COMPRENANT UN PASSAGE COMMANDÉ PAR PRESSION

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Application

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Abstract (en)

[origin: WO2019042665A1] The invention relates to a wheel-rim and tyre washing apparatus for the leadthrough of two media through a rotatable nozzle head (2). Here, the media leadthrough is pressure-controlled and comprises the following features: • - A nozzle head (2) composed of two channels (3, 4) which run perpendicular to one another and which intersect. • - A first channel (3) which has an inlet and an outlet, a second channel (4) which has at least one outlet. • - Two media can be selectively fed to the inlet of the first channel, in each case jointly or individually. Here, one medium is at high pressure, and the other is at low pressure. • - The two inlets of the first channel comprise in each case one check valve (12). • - The outlets of the second channel comprise in each case one overpressure valve (6). • - A branch line (7) is connected to each outlet of the second channel. • - The valves (6) of the second channel are opened by the pressure of the high-pressure cleaning fluid when the latter flows into the channel (4). • - The nozzle head (2) is mounted so as to be rotatable about the axis of the first channel and is driven with a reversible direction of rotation.

IPC 8 full level

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