

Title (en)
FLUID-ACTUATED CONTRACTION DRIVE

Title (de)
FLUIDBET TIGTER KONTRAKTIONSANTRIEB

Title (fr)
SYSTEME DE COMMANDE DE CONTRACTION A ACTIONNEMENT FLUIDIQUE

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Application
EP 03746284 A 20030404

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Abstract (en)
[origin: WO03087588A1] The invention relates to a fluid-actuated contraction drive. Said drive comprises a contraction tube (2), whose length contracts when an impingement chamber (7) that is delimited by said tube is subjected to the force of a fluid and whose two end regions (5, 6) are respectively equipped with a force tapping unit (8), which allows the generated drive force to be tapped. At least one end region (5, 6) of the contraction tube (2) is flat and is braced between two retaining arms (22, 23) of a fork-type clamping head (18) of the allocated force tapping unit (8), whereby the interior surfaces of the opposing tube wall sections (11a, 11b) are pressed together tightly.

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