

Title (en)

Hydraulic jack and method for making the same.

Title (de)

Hydraulische Hubvorrichtung und Verfahren zu deren Herstellung.

Title (fr)

Cric hydraulique et son procédé de fabrication.

Publication

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Application

EP 83307950 A 19831223

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Abstract (en)

A hydraulic jack (10) comprises an elongated seamless body (11) composed of an impervious, flexible material inflatable with a pressurized hydraulic fluid, preferably water, from a flattened condition to an expanded condition. A first closure (12) includes elongated elastomeric seals (16) for sealing a first end of the body into a flattened form generally conforming to the composite thickness of the body and exhibiting high burst strength and sealing capabilities. A second closure (20), having at least one hydraulic fitting secured thereon, seals the second end of the body. The first closure (12) is formed by punching a plurality of arcuately disposed holes (42) through the body (11), anchoring and stretching the body (11) to dispose the holes in linear relationship, and then clamping and sealing the open, first end of the body with a pair of clamping plates (13).

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IPC 8 full level

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Citation (search report)

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