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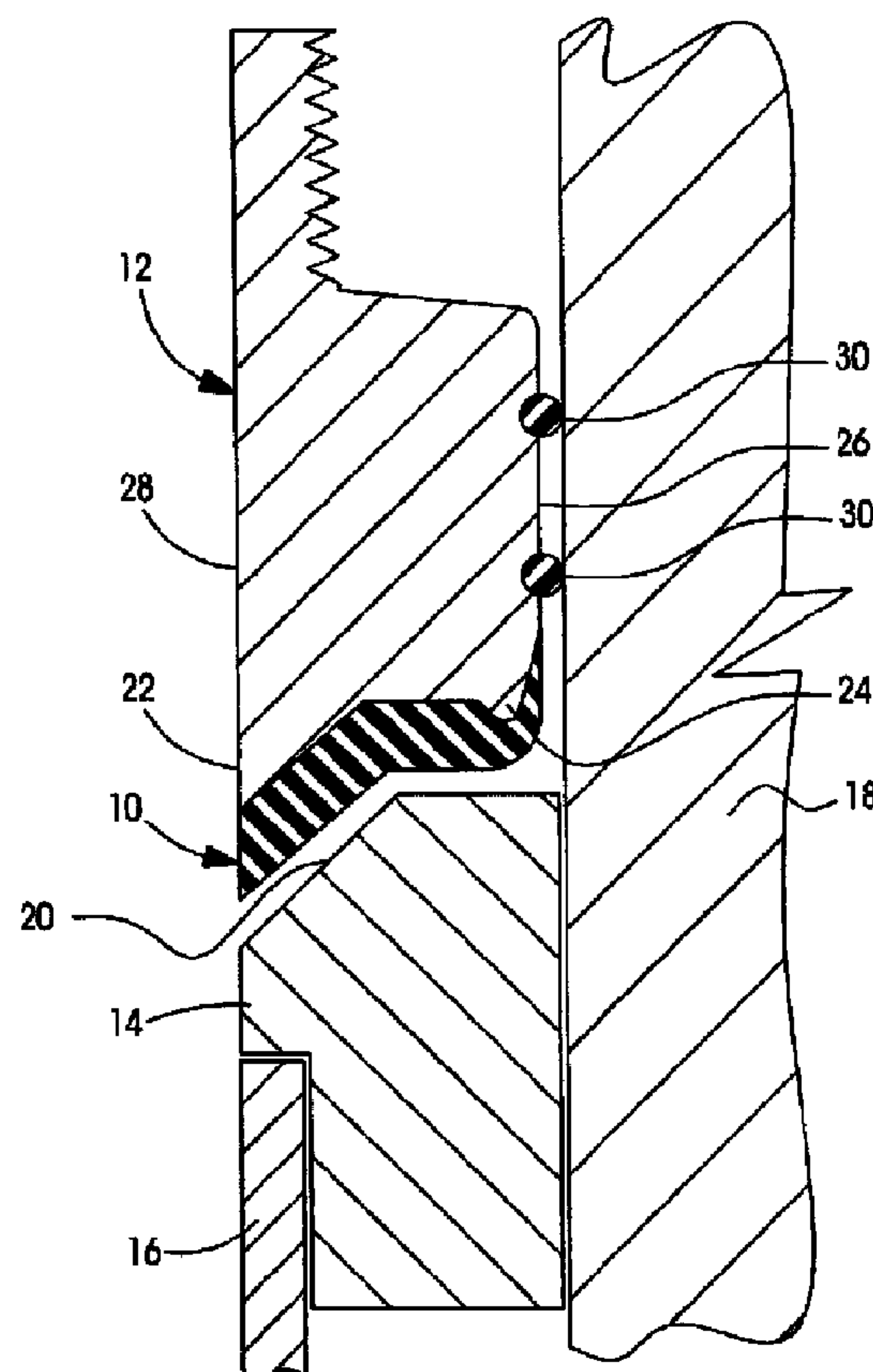
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(54) Titre : JOINT D'ETANCHEITE A HAUTE PRESSION POUR ETANCHEIFIER UN DISPOSITIF DE GUIDAGE DE
TREPAN DANS UNE TETE DE PUITS, ET METHODE D'UTILISATION

(54) Title: HIGH PRESSURE FLUID SEAL FOR SEALING AGAINST A BIT GUIDE IN A WELLHEAD AND METHOD OF
USING



(57) Abrégé/Abstract:

High pressure fluid seals for sealing against a bit guide in wellhead and a method of using the seals are described. The high pressure fluid seals are primarily intended for use with a blowout preventer protector. The high pressure fluid seals are elastomeric material bonded to an end of a mandrel for insertion into the wellhead. The end of the mandrel includes an annular



(57) Abrégé(suite)/Abstract(continued):

ridge that protrudes into the elastomeric seal to inhibit the seal from being extruded away from the bore when the elastomeric seal is seated against the bit guide and the bore is subjected to elevated fluid pressures. The advantage is a high pressure fluid seal that ensures packoff against a bit guide even if the bit guide is worn but still serviceable. A further advantage is a more secure seal that improves safety and enables the use of higher pressures during well stimulation.

