

Title (en)
Inflatable packing element for use in subterranean wells.

Title (de)
Aufblasbares Dichtelement für unterirdische Bohrlöcher.

Title (fr)
Élément d'étanchéité pour puits souterrains.

Publication
EP 0447204 A2 19910918 (EN)

Application
EP 91302105 A 19910313

Priority
US 49284190 A 19900313

Abstract (en)
An inflatable packing element (10) for an inflatable packer or bridge plug utilized in subterranean wells comprises a tubular elastomeric sleeve (30) which is surrounded by a plurality of circumferentially overlapping flexible metal ribs (12). The opposite ends of the ribs (12) are respectively welded to an external surface provided on a force transmitting sleeve (14). The sleeve (14) is provided with a shoulder (14a) having an abutting relationship with an internally projecting shoulder (20a) provided on the tubular mounting structure (20) for the inflatable element (10). <IMAGE>

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E21B 33/127

IPC 8 full level
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CPC (source: EP)
E21B 33/1277 (2013.01)

Cited by
EP3049612A4; US6666276B1; CN110042868A; US10240422B2

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