

Title (en)  
Improved packer with integrated sensors

Title (de)  
Verbesserter Packer mit integrierten Sensoren

Title (fr)  
Packer amélioré avec des capteurs intégrés

Publication  
**EP 1455052 A3 20050323 (EN)**

Application  
**EP 04251246 A 20040303**

Priority  
US 37926703 A 20030304

Abstract (en)  
[origin: EP1455052A2] A packer (300) for use in a borehole, said packer (300) comprising: a base portion having a bore therethrough and having threaded ends for connection to a string of tools used in a borehole; an inflatable portion connected to be pressurized by hydraulic fluid; and a sensor (304,308) connected to detect a condition related to the deployment of said packer. <IMAGE>

IPC 1-7  
**E21B 33/127**

IPC 8 full level  
**E21B 33/127** (2006.01); **E21B 47/06** (2012.01)

CPC (source: EP US)  
**E21B 33/127** (2013.01 - EP US); **E21B 47/06** (2013.01 - EP US)

Citation (search report)  
• [X] WO 9624745 A2 19960815 - BAKER HUGHES INC [US]  
• [X] GB 2372277 A 20020821 - BAKER HUGHES INC [US]  
• [X] EP 0697501 A2 19960221 - HALLIBURTON CO [US]  
• [X] US 4898236 A 19900206 - SASK DAVID [CA]  
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Cited by  
EP2599955A1; DE202006000943U1; EP2599956A1; CN103930646A; EP2711498A1; GB2585537A; GB2585537B; US9803465B2; US9091133B2; WO2010096417A3; WO2013079574A1; WO2013079575A1; US9404335B2; US11519261B2; US9217308B2; US10494910B2; WO2019199275A1

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**EP 04251246 A 20040303**; CA 2458495 A 20040224; NO 20040789 A 20040223; US 37926703 A 20030304