

Title (en)  
Early evaluation system for a cased wellbore

Title (de)  
Vorrichtung zur Frühbewertung eines verrohrten Bohrlochs

Title (fr)  
Dispositif d'évaluation précoce d'un puits cuvelé

Publication  
**EP 1076156 A3 20020227 (EN)**

Application  
**EP 00306849 A 20000810**

Priority  
US 37418499 A 19990813

Abstract (en)  
[origin: EP1076156A2] An early evaluation system for use in a cased wellbore (12) is disclosed. An apparatus (10) comprises: a tool string (18); a perforating gun (20) on a lower end of the tool string (18); a packer (24), carried on the tool string (18), having a set position for sealingly closing a well annulus between the tool string (18) and the cased wellbore (12); a control valve (26) disposed in the tool string (18) operably controlling fluid flow therethrough; a sampler (28) disposed in the tool string (18) and in communication with the control valve (26); and a locating device (36) disposed within the tool string (18) for selectively positioning the tool string (18) adjacent to a formation (16). When the tool string (18) is positioned adjacent the formation (16), the packer (24) is set and the control valve (26) is in communication with the formation (16), and formation fluid will flow from the formation (16) into the sampler (28) after opening the control valve (26). <IMAGE>

IPC 1-7  
**E21B 49/08**

IPC 8 full level  
**E21B 43/116** (2006.01); **E21B 47/09** (2012.01); **E21B 49/08** (2006.01)

CPC (source: EP US)  
**E21B 43/116** (2013.01 - EP); **E21B 47/09** (2013.01 - EP); **E21B 49/0813** (2020.05 - EP US)

Citation (search report)  
• [Y] EP 0647767 A2 19950412 - ANADRILL INT SA [PA], et al  
• [Y] US 4597439 A 19860701 - MEEK DALE E [US]  
• [Y] US 4915171 A 19900410 - MCMAHAN MICHAEL E [US]  
• [Y] US 4665983 A 19870519 - RINGGENBERG PAUL D [US]  
• [Y] EP 0697500 A2 19960221 - HALLIBURTON CO [US]  
• [Y] US 5103912 A 19920414 - FLINT GEORGE R [US]  
• [A] EP 0295923 A2 19881221 - HALLIBURTON CO [US]

Cited by  
US8196668B2; GB2438480A; GB2438480B; GB2452651B; GB2452651A; WO2007035745A3; US8118098B2; US8016032B2; US8418755B2; US8434550B2; US9051813B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1076156 A2 20010214**; **EP 1076156 A3 20020227**; AU 5194200 A 20010215; CA 2315482 A1 20010213; NO 20004008 D0 20000809; NO 20004008 L 20010214

DOCDB simple family (application)  
**EP 00306849 A 20000810**; AU 5194200 A 20000810; CA 2315482 A 20000809; NO 20004008 A 20000809