

Title (en)

Downhole seal circulating devices.

Title (de)

Dichtungsvorrichtung zur Verwendung im Bohrloch.

Title (fr)

Dispositif d'étanchéité au fond de puits.

Publication

EP 0543642 A2 19930526 (EN)

Application

EP 92310533 A 19921118

Priority

US 79620391 A 19911122

Abstract (en)

A cup-type seal circulating device (10) or a compression type packer seal circulating device for use in running a string of casing into a well bore, has a connector member (12) for connection to the drilling rig equipment to allow fluid to be pumped into the device; a seal body member (14); a seal assembly (16) and a check valve (18). The circulating device is received in casing (22) and the seal assembly seals between the seal body member and the casing (22). <IMAGE>

IPC 1-7

E21B 33/068; **E21B 33/126**; **E21B 33/128**

IPC 8 full level

E21B 33/068 (2006.01); **E21B 33/126** (2006.01); **E21B 33/128** (2006.01)

CPC (source: EP)

E21B 33/068 (2013.01); **E21B 33/126** (2013.01); **E21B 33/128** (2013.01)

Cited by

EP1260671A1; GB2379700A; GB2379700B; US6571876B2; WO02086281A1; WO9607009A3

Designated contracting state (EPC)

DE DK FR IT NL

DOCDB simple family (publication)

EP 0543642 A2 19930526; **EP 0543642 A3 19930811**; AU 2848392 A 19930527; CA 2083477 A1 19930523; NO 924454 D0 19921118; NO 924454 L 19930524

DOCDB simple family (application)

EP 92310533 A 19921118; AU 2848392 A 19921120; CA 2083477 A 19921120; NO 924454 A 19921118