

Title (en)
CENTRALISERS

Title (de)
ZENTRIERVORRICHTUNG

Title (fr)
CENTREURS

Publication
EP 0782660 A1 19970709 (EN)

Application
EP 95932810 A 19950925

Priority

- GB 9502272 W 19950925
- GB 9419313 A 19940924
- US 38860395 A 19950214

Abstract (en)
[origin: WO9609459A1] A centraliser (1) comprises an upper ring (2) and a lower ring (3) connected by six rigid members (4). The centraliser (1) can be mounted on casing to be lowered down deviated bores. The rigid members (4) are designed to collapse under a lateral load of about 8 tonnes. Thus if, for example, part of the bore collapses and the casing has to be withdrawn the rigid members will collapse enabling the centraliser (1) to be recovered on the casing in one piece.

IPC 1-7
E21B 17/10

IPC 8 full level
E21B 17/10 (2006.01)

CPC (source: EP)
E21B 17/1078 (2013.01)

Citation (search report)
See references of WO 9609459A1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
WO 9609459 A1 19960328; AU 3570595 A 19960409; AU 691665 B2 19980521; BR 9509169 A 19970930; CA 2198619 A1 19960328; CA 2198619 C 20050802; CN 1159848 A 19970917; DE 69524109 D1 20020103; DE 69524109 T2 20020606; EP 0782660 A1 19970709; EP 0782660 B1 20011121

DOCDB simple family (application)
GB 9502272 W 19950925; AU 3570595 A 19950925; BR 9509169 A 19950925; CA 2198619 A 19950925; CN 95195249 A 19950925; DE 69524109 T 19950925; EP 95932810 A 19950925