

Title (en)
DEVICE FOR SEALING A STEAM INJECTION PIPE IN AN OIL LAYER

Publication
EP 0442408 A3 19911218 (DE)

Application
EP 91101858 A 19910211

Priority
DE 4004240 A 19900212

Abstract (en)
[origin: CA2036077A1] 17997 A steam generator lowered into a steam injection well for tertiary oil recovery has a conical bottom which cooperates with a conical support surface on a tube segment affixed to the casing of the well. The steam pipe passes through an opening at the apex of the conical support which centers the steam generator as it is lowered into place. The sealing is effected by a seal pressed by the weight of the steam generator between its conical bottom and the conical support surface.

IPC 1-7
E21B 43/10; **E21B 36/00**

IPC 8 full level
E21B 36/00 (2006.01); **E21B 43/10** (2006.01)

CPC (source: EP US)
E21B 36/00 (2013.01 - EP US); **E21B 43/10** (2013.01 - EP US)

Citation (search report)

- [X] US 3497000 A 19700224 - HUJSAK KAROL L, et al
- [A] GB 2112838 A 19830727 - ELF AQUITAINE
- [A] US 4385663 A 19830531 - HUTCHISON STANLEY O
- [A] US 4136737 A 19790130 - HOWARD CURTIS E, et al

Designated contracting state (EPC)
CH GB LI NL SE

DOCDB simple family (publication)
DE 4004240 C1 19901129; CA 2036077 A1 19910813; CN 1053940 A 19910821; EP 0442408 A2 19910821; EP 0442408 A3 19911218; US 5095974 A 19920317

DOCDB simple family (application)
DE 4004240 A 19900212; CA 2036077 A 19910211; CN 91101044 A 19910209; EP 91101858 A 19910211; US 65127391 A 19910205