

Title (en)  
SAFETY SEAL FOR WELLS

Title (de)  
SICHERHEITSDICHTUNG FÜR BOHRLÖCHER

Title (fr)  
JOINT DE SECURITE DESTINE A DES PUITS

Publication  
**EP 1058768 A1 20001213 (EN)**

Application  
**EP 99907993 A 19990217**

Priority  
• SE 9900207 W 19990217  
• SE 9800628 A 19980227

Abstract (en)  
[origin: WO9943922A1] The invention relates to a safety seal for wells. In accordance with the invention the safety seal comprises, in combination, a lid (7) having a face turned towards the well hole wall, and a string (20) of a material that swells upon its contact with a liquid, which string is inserted in the gap between said wall and said lid face.

IPC 1-7  
**E21B 33/03**

IPC 8 full level  
**E21B 33/03** (2006.01); **F24J 3/08** (2006.01); **E21B 33/00** (2006.01)

CPC (source: EP US)  
**E21B 33/03** (2013.01 - EP US); **F24T 10/00** (2018.04 - EP US); **F24T 10/10** (2018.04 - EP US); **E21B 2200/01** (2020.05 - EP);  
**F24T 10/30** (2018.04 - EP US); **Y02E 10/10** (2013.01 - EP)

Citation (search report)  
See references of WO 9943922A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB IT LI NL SE

DOCDB simple family (publication)  
**WO 9943922 A1 19990902**; AU 2751899 A 19990915; EP 1058768 A1 20001213; NO 20004285 D0 20000825; NO 20004285 L 20000825;  
PL 342488 A1 20010604; SE 511806 C2 19991129; SE 9800628 D0 19980227; SE 9800628 L 19990828

DOCDB simple family (application)  
**SE 9900207 W 19990217**; AU 2751899 A 19990217; EP 99907993 A 19990217; NO 20004285 A 20000825; PL 34248899 A 19990217;  
SE 9800628 A 19980227