

Title (en)

Apparatus for continuous mixing drilling fluid

Title (de)

Durchlauf-Mischanlage für Bohrflüssigkeit

Title (fr)

Dispositif de mélange en continu de fluide de forage

Publication

EP 0994235 A3 20020130 (DE)

Application

EP 99120187 A 19991009

Priority

- DE 29818289 U 19981014
- DE 19918775 A 19990424

Abstract (en)

[origin: EP0994235A2] Mixing apparatus has a high pressure pump (7) and a pipe (21) for the addition medium. The pipe (21) is arranged in the flow direction in front of the high pressure pump (7). An Independent claim is included for the process of producing drilling fluid in which the addition medium is feed to the service water in front or behind a high pressure pump (7).

IPC 1-7

E21B 21/06; **E21B 21/08**; **B01F 3/12**; **B01F 5/10**

IPC 8 full level

B01F 3/12 (2006.01); **B01F 5/04** (2006.01); **B01F 5/06** (2006.01); **B01F 15/00** (2006.01)

CPC (source: EP)

B01F 23/56 (2022.01); **B01F 23/59** (2022.01); **B01F 25/312** (2022.01); **B01F 25/42** (2022.01); **B01F 35/20** (2022.01)

Citation (search report)

- [XY] US 3691070 A 19720912 - PIPPEN WILLIAM C
- [XY] US 5213414 A 19930525 - RICHARD BENNETT M [US], et al
- [XY] US 2631017 A 19530310 - CLYDE GIBSON ROY, et al
- [XY] US 4444277 A 19840424 - LEWIS H ROGER [US]
- [Y] DE 4217373 A1 19931216 - KLAUS OBERMANN GMBH [DE]
- [A] US 3115195 A 19631224 - GRAHAM JOHN W, et al

Cited by

CN104633452A; CN103739108A; CN108222865A; US7878705B2; US8196677B2; US8746370B2; US6588516B2; USRE44427E

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