

(12) **UK Patent Application** (19) **GB** (11) **2578028** (13) **A**

(43) Date of Reproduction by UK Office **15.04.2020**

(21) Application No: **1918432.4**
(22) Date of Filing: **15.06.2018**
Date Lodged: **13.12.2019**
(30) Priority Data:
(31) **20170991** (32) **16.06.2017** (33) **NO**
(86) International Application Data:
PCT/NO2018/050159 En 15.06.2018
(87) International Publication Data:
WO2018/231068 En 20.12.2018

(51) INT CL:
E21B 19/10 (2006.01) **E21B 3/04** (2006.01)
E21B 19/00 (2006.01) **E21B 19/12** (2006.01)

(56) Documents Cited:
WO 2016/089216 A1 **WO 2003/054343 A1**
US 4621974 A **US 4567952 A**
US 3961399 A **US 3472535 A1**
US 20110059576 A1

(58) Field of Search:
INT CL **E21B**
Other: **WPI, EPODOC, Patent Fulltext**

(71) Applicant(s):
Robotic Drilling Systems AS
Kvalkroken 30, Sandnes, 4323, Norway

(72) Inventor(s):
Svein Soyland

(74) Agent and/or Address for Service:
WP Thompson
138 Fetter Lane, LONDON, EC4A 1BT,
United Kingdom

(54) Title of the Invention: **A safety device for attaching to a pipe string comprising a plurality of connected pipes sections**
Abstract Title: **A safety device for attaching to a pipe string comprising a plurality of connected pipes sections**

(57) A safety device (20) for attaching to a pipe string (10) comprising a plurality of connected pipe sections (12). The device is configured, comprises a support structure (22) and a clamping arrangement (24) comprising a first engagement member (32) and a second engagement member (34), which clamping arrangement (24) comprises a disengaged state and an engaged state. The support structure comprises a recess (30) adapted to receive the envelope surface of the pipe section. The first engagement member and the second engagement member are arranged in different parts of the recess so that opposite sides of the pipe section are clamped between the first engagement member and the second engagement member when the clamping arrangement is in the engaged state.

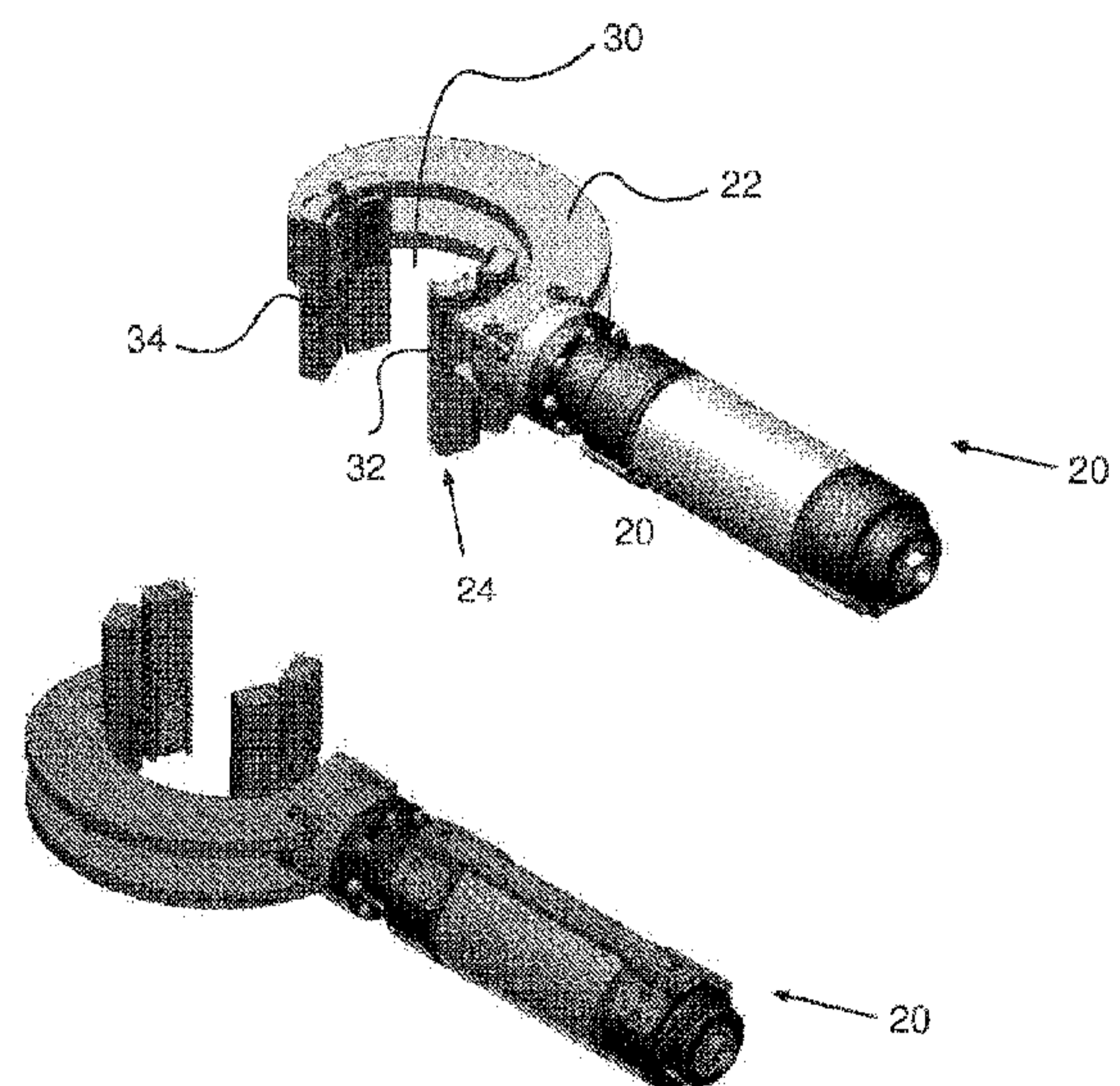


Fig. 2

GB 2578028 A