

Title (en)

Remotely operated apparatus for inspection or other work on structures.

Title (de)

Ferngesteuertes Gerät für Inspektion oder andere Arbeiten an einem Bauwerk.

Title (fr)

Appareil à contrôlE à distance pour l'inspection et autres travaux sur une structure.

Publication

EP 0547685 A1 19930623 (EN)

Application

EP 92203851 A 19921210

Priority

NO 914950 A 19911216

Abstract (en)

A remotely operated apparatus for inspection of and/or other work on a structure, for example a welded joint on an offshore platform, consisting of a support frame (2) designed to be attached to and to move on the structure. An arm (4) is mounted so as to rotate on the frame (2) in both main directions in relation to the said frame. Furthermore, a steering carriage (5) is mounted so as to rotate at the front end of the arm (4). One or more tools (6) may be mounted on the carriage for the purpose of carrying out the required working operations. <IMAGE>

IPC 1-7

B63C 11/52; E02B 17/00

IPC 8 full level

B63C 11/52 (2006.01); **E02B 17/00** (2006.01)

CPC (source: EP)

B63C 11/52 (2013.01); **B63G 8/001** (2013.01); **E02B 17/0034** (2013.01); **B63G 2008/005** (2013.01)

Citation (search report)

- [X] DE 2831395 A1 19800131 - KRAFTWERK UNION AG
- [X] DE 3916061 A1 19901122 - SIEMENS AG [DE]
- [Y] US 4502407 A 19850305 - STEVENS JAMES W [US]
- [A] GB 2119679 A 19831123 - BROWN DONALD GRAHAM
- [A] TECHNISCHE RUNDSCHAU vol. 82, no. 19, 11 May 1990, BERN,CH pages 36 - 40 E.AUST 'Der Mensch stösst an Grenzen'

Cited by

EP3594676A1; NO20180975A1; NO344914B1; EP1905688A3; EP2762401A4; EP3398847A1; EP3677499A1; WO201002273A1; US9511831B2; US9776695B2; US10450041B2; US10967943B2

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

EP 0547685 A1 19930623; CA 2085091 A1 19930617; NO 173924 B 19931115; NO 173924 C 19940302; NO 914950 D0 19911216;
NO 914950 L 19930617

DOCDB simple family (application)

EP 92203851 A 19921210; CA 2085091 A 19921210; NO 914950 A 19911216