

Title (en)  
System of multiple-purpose tools for the connection of pipes

Title (de)  
Mehrzweckwerkzeugsystem für die Verbindung von Rohren

Title (fr)  
Système multi-outils utilisable pour le raccordement de conduites

Publication  
**EP 0896124 B1 20010912 (FR)**

Application  
**EP 98401836 A 19980720**

Priority  
FR 9710221 A 19970808

Abstract (en)  
[origin: EP0896124A1] The multi-tool system for inspection, cleaning and replacement of components in an oil installation, has a support (8) on which are mounted arms (9,10,17). These laterally displace at least two devices (22,29) in opposite directions, with at least one of these devices able to be driven in rotation about one of these directions.

IPC 1-7  
**E21B 43/013**

IPC 8 full level  
**B08B 9/02** (2006.01); **E21B 41/04** (2006.01); **E21B 43/013** (2006.01)

CPC (source: EP US)  
**B08B 9/021** (2013.01 - EP US); **E21B 41/04** (2013.01 - EP US); **E21B 43/013** (2013.01 - EP US); **Y10T 29/49719** (2015.01 - EP US); **Y10T 29/49726** (2015.01 - EP US); **Y10T 29/49769** (2015.01 - EP US); **Y10T 29/53087** (2015.01 - EP US)

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