

Title (en)  
Wrenching tong

Title (de)  
Schraubzange

Title (fr)  
CLE A TIGES

Publication  
**EP 1475513 A1 20041110 (EN)**

Application  
**EP 04103600 A 20001117**

Priority  
• EP 00976168 A 20001117  
• GB 9927825 A 19991126

Abstract (en)  
Apparatus for applying torque to a first tubular relative to a second tubular, the apparatus comprising a first tong 1 for gripping the first tubular and a second tong 11 for gripping the second tubular, wherein the first tong is provided with teeth 14 around a peripheral surface thereof, the second tong is provided with at least one pinion 7, and the pinion meshes with the teeth in such a way that the first tong and the second tong can be rotated relative to one another when the pinion is rotated. <IMAGE>

IPC 1-7  
**E21B 19/16**

IPC 8 full level  
**E21B 19/16** (2006.01)

CPC (source: EP NO)  
**E21B 19/16** (2013.01 - NO); **E21B 19/164** (2013.01 - EP)

Citation (search report)  
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Designated contracting state (EPC)  
NL

DOCDB simple family (publication)  
**GB 2356591 A 20010530; GB 2356591 B 20031015; GB 9927825 D0 20000126;** AU 1404801 A 20010604; AU 772533 B2 20040429; CA 2389449 A1 20010531; CA 2389449 C 20070807; DE 60014955 D1 20041118; EP 1232323 A1 20020821; EP 1232323 B1 20041013; EP 1475513 A1 20041110; EP 1475513 B1 20080716; NO 20021924 D0 20020424; NO 20021924 L 20020703; NO 20150916 A1 20020703; NO 336474 B1 20150831; WO 0138688 A1 20010531

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