

Title (en)  
IRON ROUGHNECK

Title (de)  
AUTOMATISCHE GESTÄNGEZANGE

Title (fr)  
AIDE-FOREUR MECANIQUE

Publication  
**EP 1175548 A1 20020130 (EN)**

Application  
**EP 00932018 A 20000502**

Priority  
• US 0011966 W 20000502  
• US 13214199 P 19990502

Abstract (en)  
[origin: WO0066875A9] An iron roughneck has a pair of upper jaws carrying pipe gripping dies for gripping tool joints. The jaws have recesses formed on each side of the pipe gripping dies to receive spinning rollers. By positioning the spinning rollers in the upper jaws at the same level as pipe gripping dies, the spinning rollers are able to engage the pipe closer to the lower jaws and thus can act on the tool joint rather than on the pipe stem.

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

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

CPC (source: EP)  
**E21B 19/163** (2013.01); **E21B 19/168** (2013.01)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0066875 A1 20001109; WO 0066875 A9 20020502**; AT E246767 T1 20030815; CA 2370196 A1 20001109; CA 2370196 C 20050426; DE 60004352 D1 20030911; DE 60004352 T2 20040609; EP 1175548 A1 20020130; EP 1175548 B1 20030806; JP 2002543315 A 20021217; JP 3450302 B2 20030922; NO 20015333 D0 20011031; NO 20015333 L 20010102; NO 332600 B1 20121112

DOCDB simple family (application)  
**US 0011966 W 20000502**; AT 00932018 T 20000502; CA 2370196 A 20000502; DE 60004352 T 20000502; EP 00932018 A 20000502; JP 2000615483 A 20000502; NO 20015333 A 20011031