

Title (en)
WELLBORE CASING CUTTING TOOL

Title (de)
BOHRFUTTER-SCHNEIDEWERKZEUG

Title (fr)
OUTIL DE COUPE DE TUBAGE DE Puits DE FORAGE

Publication
EP 2766562 A1 20140820 (EN)

Application
EP 12837943 A 20120928

Priority
• US 201161542991 P 20111004
• US 2012057734 W 20120928

Abstract (en)
[origin: WO2013052360A1] A wellbore casing cutting tool, having multiple blades which rotate outwardly by a fluid operated mechanism, has multiple cutters on each blade. The cutters are preferably positioned on the blades such that the lowermost cutting edges of multiple cutters all bear on the surface of the casing being cut. The cutters are preferably made with a metal base, covered with hardened cutting material such as tungsten carbide or hardened cutting buttons. The metal wears away as cutting progresses, continually exposing fresh cutting surfaces. The multiple cutters permit cutting of long windows in casing walls, and the structure of the cutters results in relatively short metal cuttings, rather than long metal cuttings which can ball up downhole.

IPC 8 full level
E21B 29/00 (2006.01)

CPC (source: EP US)
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