

Title (en)

EXTENDABLE CUTTING TOOLS FOR USE IN A WELLBORE

Title (de)

AUSZIEHBARE SCHNEIDWERKZEUGE ZUR VERWENDUNG IN EINEM BOHRLOCH

Title (fr)

OUTILS DE COUPE EXTENSIBLE DESTINÉS À ÊTRE UTILISÉS DANS UN Puits DE FORAGE

Publication

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Application

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Abstract (en)

Embodiments of the present invention generally relate to extendable cutting tools for use in a wellbore. In one embodiment, a tool for use in a wellbore includes a tubular body having a bore therethrough, an opening through a wall thereof, and a connector at each longitudinal end thereof; and an arm. The arm is pivotally connected to a first piston and rotationally coupled to the body, is disposed in the opening in a retracted position, and is movable to an extended position where an outer surface of the arm extends outward past an outer surface of the body. The tool further includes the first piston. The first piston is disposed in the body bore, has a bore therethrough, and is operable to move the arm from the retracted position to the extended position in response to fluid pressure in the piston bore exceeding fluid pressure in the opening. The tool further includes a lock operable to retain the first piston in the retracted position; and a second piston operably coupled to the lock.

IPC 8 full level

E21B 10/32 (2006.01)

CPC (source: EP US)

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Citation (applicant)

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