

Title (en)
Drilling and mixing tool

Title (de)
Bohr- und Mischwerkzeug

Title (fr)
Outil de forage et de mélange

Publication
EP 2141285 B1 20160406 (DE)

Application
EP 08012013 A 20080703

Priority
EP 08012013 A 20080703

Abstract (en)
[origin: EP2141285A1] The tool (1) has a central part (3) including a rotational axis, and foldable cutters (4-1, 4-2) arranged in the central part. The foldable cutters are movable between expanded and retracted positions along a vertical folding axis. A discharge nozzle (6) is arranged in the tool and supplied with a fluidic medium using a rotatably driven drilling rod. The foldable cutters are arranged along the central part in different planes and connected with the central part using a vertically oriented bolt (8).

IPC 8 full level
E02D 3/12 (2006.01); **E02D 35/00** (2006.01); **E21B 10/32** (2006.01)

CPC (source: EP US)
E02D 3/12 (2013.01 - EP); **E02D 3/126** (2013.01 - EP); **E02D 35/00** (2013.01 - EP); **E21B 10/327** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2141285 A1 20100106; EP 2141285 B1 20160406; PL 2141285 T3 20161031

DOCDB simple family (application)
EP 08012013 A 20080703; PL 08012013 T 20080703