

Title (en)  
DOWNHOLE TUBULAR SECTION MILL

Title (de)  
BOHRROHRABSCHNITTSFRÄSE

Title (fr)  
BROYEUR DE SECTION TUBULAIRE DE FOND DE TROU

Publication  
**EP 3755865 A1 20201230 (EN)**

Application  
**EP 19757323 A 20190220**

Priority  
• US 201862632509 P 20180220  
• US 2019018695 W 20190220

Abstract (en)  
[origin: WO2019164889A1] A casing section mill has a main body with cut-outs to accommodate casing section mill blades mounted thereon, and stabilizer inserts mounted in the cut-outs below the blades. The stabilizer inserts yield an outer diameter substantially the same as the drift inner diameter of the casing being milled, thereby providing positive centralization and stabilization of the blades. The casing section mill may be rotated by a downhole positioned positive displacement motor in the drillstring, by drillstring rotation from the surface, or a combination of downhole positive displacement motor and drillstring rotation.

IPC 8 full level  
**E21B 7/00** (2006.01); **B23B 5/00** (2006.01); **E21B 7/28** (2006.01); **E21B 23/00** (2006.01); **E21B 47/00** (2012.01); **E21B 49/00** (2006.01)

CPC (source: EP US)  
**E21B 7/28** (2013.01 - EP); **E21B 17/00** (2013.01 - US); **E21B 29/005** (2013.01 - EP US); **E21B 47/007** (2020.05 - US)

Citation (search report)  
See references of WO 2019164889A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2019164889 A1 20190829**; AU 2019223074 A1 20200917; CA 3091938 A1 20190829; EP 3755865 A1 20201230;  
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DOCDB simple family (application)  
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