

Title (en)
Drill bit

Title (de)
Bohrspitze

Title (fr)
Pointe de forage

Publication
EP 1860274 A1 20071128 (DE)

Application
EP 06008686 A 20060426

Priority
EP 06008686 A 20060426

Abstract (en)
The tip (10) of a soil boring drill has at least two curved plates (12), extending radially outwards from the drill axis (14) with a decreasing axial height radially outwards. The plates have the same curvature radius, especially as segments of a cylindrical tube.

Abstract (de)
Die Erfindung betrifft eine Bohrspitze für einen Erdbohrer, bei dem mindestens zwei gebogene Platten vorgesehen sind. Diese erstrecken sich von einer Bohrachse radial nach außen, wobei die axiale Höhe radial nach außen abnimmt.

IPC 8 full level
E21B 10/42 (2006.01); **E21B 10/44** (2006.01)

CPC (source: EP US)
E21B 10/42 (2013.01 - US); **E21B 10/44** (2013.01 - EP US)

Citation (search report)
• [X] DE 8908131 U1 19901031
• [X] US 2973821 A 19610307 - ANDREAS STIHL
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• [X] DE 1263652 B 19680321 - HIBERNIA AG
• [X] WO 9841697 A1 19980924 - MATI MIRO CESARE [IT]
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Cited by
EP2146046A1; US10337253B2; EP3216974A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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EP 06008686 A 20060426; AT 06008686 T 20060426; CN 200710101101 A 20070426; DE 502006001030 T 20060426; ES 06008686 T 20060426; JP 2007112475 A 20070423; PT 06008686 T 20060426; US 79037307 A 20070425