

Title (en)
ROCK DRILL BIT

Publication
EP 0322554 B1 19921104 (DE)

Application
EP 88119291 A 19881121

Priority
DE 3740692 A 19871201

Abstract (en)
[origin: EP0322554A1] A rock drill bit for rotary and percussive loading is proposed which has equally good or improved drilling-dust conveying properties with a smaller conveying-groove cross-section. In order to achieve this, a main conveying groove (5, 18) with longitudinal profiles (6, 7 or 16, 17) is formed, with an interrupted secondary conveying groove (8, 20) which is integrated in the main conveying groove and whose conveying ribs (9, 21) have a larger helix angle than the helix angle of the main conveying groove (drawing hereto). <IMAGE>

IPC 1-7
E21B 10/36; E21B 10/44; E21B 10/56; E21B 10/58

IPC 8 full level
E21B 10/36 (2006.01); **E21B 10/44** (2006.01); **E21B 10/56** (2006.01); **E21B 10/58** (2006.01)

CPC (source: EP)
E21B 10/445 (2013.01); **E21B 10/56** (2013.01); **E21B 10/58** (2013.01)

Cited by
DE4314868A1; US5462130A; DE4314868C2; US6742610B2; WO2012143174A1; WO0166899A3

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