

Title (en)
STONE DRILL BIT

Publication
EP 0452255 A3 19921028 (DE)

Application
EP 91810185 A 19910321

Priority
DE 4011441 A 19900409

Abstract (en)
[origin: EP0452255A2] The rock drill bit consisting of shank (1) and drill head (2) is provided with a cutting tip (4) as well as cutting pins (5) at the front end (3) of the drill head (2) pointing in the feed direction. The diameter on which the cutting tip (4) is arranged and the diameter on which the cutting pins (5) are arranged form an angle deviating from 90 DEG . An enlargement of the disposal flutes (6) is made possible by the deviation in the angle of both diameters. <IMAGE>

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

IPC 8 full level
B28D 1/14 (2006.01); **E21B 10/26** (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)

Citation (search report)
[X] DE 3825107 A1 19900125 - HILTI AG [LI]

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DE10351183A1; DE19811887A1; EP0943780A3; EP0685629A3; DE10208631A1; EP1340604A3; DE19944406A1; DE19944406C2; EP0778390A3; GB2356164A; DE19964272C2; GB2356164B; DE19734094A1; WO9821442A1; US6446741B1; US7258180B2; EP0943779A2; US6976549B2; US7001120B2; WO9719247A1; WO0188321A1; US6868924B2

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