

Title (en)
DUEL JET METHOD

Publication
EP 0398405 B1 19921216 (DE)

Application
EP 90200978 A 19900409

Priority
DE 3915933 A 19890516

Abstract (en)
[origin: CA2042046A1] An additional coolant is added to a medium pressurized at very high pressures, especially over 1500 bar, particularly for cutting very hard rocks like granite. To this end the pressure medium is forced out in the form of individual narrow jets from a nozzle head (5) and the guiding jet (5g) of the coolant is directed towards at least some jets (5b) of the pressure medium so that, together with the pressure medium, a cooling effect is exerted on the object to be processed, resulting in an improved smashing effect.

IPC 1-7
B26F 3/00; E21B 7/14

IPC 8 full level
B26F 3/00 (2006.01); **B28B 17/00** (2006.01); **E21B 7/14** (2006.01)

CPC (source: EP US)
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