

Title (en)  
Rock milling head

Title (de)  
Gesteinsfräskopf

Title (fr)  
Tête de fraisage pour le coupage de roche

Publication  
**EP 0841467 B1 20000705 (DE)**

Application  
**EP 97118802 A 19971029**

Priority  
DE 19645650 A 19961106

Abstract (en)  
[origin: US6158818A] Rock cutting head comprising a one-part steel housing attachable to a working machine lug, an electric or hydro motor being attached to the rear portion of the housing and two uni-axial similar cutting drums being provided at its front portion, the rear housing portion, in which a drive pinion directly or indirectly connected to the motor is provided, being terminated toward the lug with a widened connection plate, its front portion supporting outer bearing hubs, in which the shafts of the two cutting drums uniformly connected to a middle drive spur-toothed wheel are provided and wherein a larger intermediate wheel is provided in the housing between drive pinion and drive spur-toothed wheel.

IPC 1-7  
**E21D 9/10**; **E21C 31/02**

IPC 8 full level  
**E02F 3/20** (2006.01); **E21B 3/00** (2006.01); **E21C 31/02** (2006.01); **E21D 9/10** (2006.01)

CPC (source: EP US)  
**E02F 3/205** (2013.01 - EP US); **E21D 9/1026** (2013.01 - EP US); **E21D 9/1086** (2013.01 - EP US)

Cited by  
CN102691501A; WO0075488A1; WO2020169657A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 6158818 A 20001212**; AT E194409 T1 20000715; DE 19645650 C1 19980122; DE 59701966 D1 20000810; EP 0841467 A1 19980513; EP 0841467 B1 20000705; JP H10196284 A 19980728

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**US 96489397 A 19971105**; AT 97118802 T 19971029; DE 19645650 A 19961106; DE 59701966 T 19971029; EP 97118802 A 19971029; JP 34182597 A 19971106