

Title (en)

MINERAL CUTTING PICKS

Publication

**EP 0198643 A3 19870204 (EN)**

Application

**EP 86302552 A 19860407**

Priority

GB 8509143 A 19850410

Abstract (en)

[origin: EP0198643A2] The invention provides a method of, apparatus for, flushing with water a mineral cutter pick of the kind having a head (5) terminated with a hard cutting tip (6), in which one or more jets of water (13) are directed from nozzles (12) in the pick holder (8) at the pick at an acute angle to the head of the pick so that the water strikes (14) the pick head and is carried forward over the surface of the pick head by its own momentum into the vicinity of the cutting tip.

IPC 1-7

**E21C 35/18; E21C 35/22**

IPC 8 full level

**E21C 35/187** (2006.01)

CPC (source: EP)

**E21C 35/187** (2013.01)

Citation (search report)

- [X] GB 1135193 A 19681204 - COAL INDUSTRY PATENTS LTD
- [X] DE 2210282 A1 19720914
- [A] GB 2117275 A 19831012 - HAYDEN NILOS CONFLOW LTD
- [A] GB 2054007 A 19810211 - RICH SERVICES INC ROY
- [A] GB 2138053 A 19841017 - SANTRADE LTD
- [A] GB 1061972 A 19670315 - COAL INDUSTRY PATENTS LTD

Cited by

WO9947791A1

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

**EP 0198643 A2 19861022; EP 0198643 A3 19870204;** AU 5569686 A 19861016; GB 2173842 A 19861022; GB 8509143 D0 19850515;  
GB 8608404 D0 19860514; ZA 862655 B 19861126

DOCDB simple family (application)

**EP 86302552 A 19860407;** AU 5569686 A 19860407; GB 8509143 A 19850410; GB 8608404 A 19860407; ZA 862655 A 19860409