

Title (en)

HEADING MACHINE WITH CONTROLLED REVOLVING PICKS

Publication

EP 0142124 A3 19861001 (DE)

Application

EP 84113400 A 19841107

Priority

DE 3341322 A 19831115

Abstract (en)

[origin: EP0142124A2] Heading machines and similar devices for releasing mineral in place in the structure are provided with a cutting head which is fitted with picks which are arranged rotatably and axially displaceably and spring-mounted in the pick holder. These picks or the pick holders are positioned with their longitudinal axis in the working direction and are equipped with a rotary part designed like a free-wheel. The rotary part designed like a free-wheel rotates the picks in a positively controlled manner by a certain angular dimension per cycle so that uniform wear and a self-sharpening effect of the pick occur. <IMAGE>

IPC 1-7

E21D 9/10; **E21C 35/18**

IPC 8 full level

E21C 35/187 (2006.01); **E21C 35/197** (2006.01)

CPC (source: EP)

E21C 35/187 (2013.01); **E21C 35/197** (2013.01)

Citation (search report)

- US 4302053 A 19811124 - ROEPKE WALLACE W, et al
- US B103602 I

Cited by

EP0231107A1; AU2013205232B2; CN109555533A; CN117552784A; US8562079B2; WO2010142224A1

Designated contracting state (EPC)

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