

Title (en)

Cutting tool for a mining machine.

Title (de)

Schneidwerkzeug für eine Gewinnungsmaschine.

Title (fr)

Outil de coupe pour un machine d'abattage.

Publication

EP 0351245 A1 19900117 (EN)

Application

EP 89307189 A 19890714

Priority

ZA 885131 A 19880715

Abstract (en)

A cutting tool for a mining machine comprising: (i) an elongate body (10) having a working end (16) and an opposite end (20); (ii) a formation (12) projecting to one side (14) of the elongate body (10) intermediate the ends (16), (20) and adapted to engage a complementary formation in the mining machine; (iii) the working end of the body (16) having an essentially planar portion (18) extending from an outer edge (24) of that end; (iv) a recess (22) formed in the planar portion (18) which extends into the body from the outer edge (24); (v) an abrasive compact (26) located in the recess (22) and bonded to the body (10); and (vi) a cutting edge for the tool defined by an edge (30), (32) of the abrasive compact which is coincident with the outer edge (24). I

IPC 1-7

E21C 27/44; **E21C 35/18**

IPC 8 full level

E21C 35/183 (2006.01); **E21C 35/18** (2006.01)

CPC (source: EP)

E21C 35/183 (2013.01); **E21C 35/1837** (2020.05)

Citation (search report)

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- [Y] DE 3315624 C1 19841115 - KOMOTZKI ASTRID FA
- [Y] DE 3500931 A1 19850808 - DE BEERS IND DIAMOND [ZA]
- [A] DE 3439508 A1 19860320 - KOMOTZKI ASTRID FA [DE]

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