

Title (en)

Diamond/boron nitride coated excavating tool cutting insert.

Title (de)

Bornitrid- oder diamantbeschichteter Schneideinsatz für Baggerwerkzeug.

Title (fr)

Élément de coupe rapporté pour outil d'excavation revêtu de nitrure de bore ou diamant.

Publication

EP 0651133 A2 19950503 (EN)

Application

EP 94850192 A 19941028

Priority

US 14522393 A 19931103

Abstract (en)

A diamond/cubic boron nitride coated low energy cutting insert for an excavating tool. The insert includes a generally conical tip portion, an elongated intermediate portion, a shoulder and a contact surface which attaches to a supporting surface of the tool body. The intermediate portion of the insert includes a concave surface portion and the coating is provided on the tip portion and optionally on the intermediate portion and the shoulder. <IMAGE>

IPC 1-7

E21C 35/183

IPC 8 full level

E21C 35/18 (2006.01); **E21B 10/56** (2006.01); **E21C 35/183** (2006.01)

CPC (source: EP)

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Cited by

AU704833B2; US8210618B2; EP2254718A4; US8678517B2; WO9728353A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

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DOCDB simple family (application)

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