

Title (en)

Bucket with hydraulic hammer.

Title (de)

Baggerlöffel mit einem hydraulischen Aufbruchhammer.

Title (fr)

Godet avec marteau hydraulique.

Publication

EP 0569963 A1 19931118 (EN)

Application

EP 93107733 A 19930512

Priority

IL 10184692 A 19920512

Abstract (en)

There is proposed, for use in connection with earth working machines, a bucket (B) on the bottom of which is provided a generally conventional pneumatic hammer (H) which is fixedly, but removably attached to the bucket (B). The hammer (H) is intended to fragmentize rock formation which impede the progress of the earth moving or digging machine. <IMAGE>

IPC 1-7

E02F 3/40; **E02F 3/96**; **E02F 9/22**

IPC 8 full level

E02F 3/40 (2006.01); **E02F 9/22** (2006.01)

CPC (source: EP)

E02F 3/405 (2013.01); **E02F 9/221** (2013.01)

Citation (search report)

- [X] WO 9010756 A1 19900920 - CATERPILLAR INC [US]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 8, no. 174 (M-316)(1611) 10 August 1984 & JP-A-59 68 446 (KAYABA KOGYO K.K.)

Cited by

DE10306659B4

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

EP 0569963 A1 19931118; **EP 0569963 B1 19980218**; AT E163313 T1 19980315; DE 69317011 D1 19980326; DE 69317011 T2 19980917; IL 101846 A0 19921230

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