

Title (en)

Dug volume control for a bucket wheel excavator.

Title (de)

Fördermengenregelung eines Schaufelradbaggers oder Schaufelradaufnehmers im Tagebau.

Title (fr)

Commande du volume excavé par une roue à godet.

Publication

**EP 0412399 B1 19940105 (DE)**

Application

**EP 90114612 A 19900730**

Priority

DE 3926222 A 19890808

Abstract (en)

[origin: EP0412399A1] The invention relates to an extracted-quantity control system for a bucket wheel excavator (6), in which the slewing speed of the bucket wheel boom (7) and/or its vertical position is controlled while taking into account the bucket-wheel drive current as well as the weight and volume of the extracted material, the extracted volume of solid material cut by the bucket wheel being used as a further control variable. <IMAGE>

IPC 1-7

**E02F 3/18**; **E02F 3/84**; **E02F 9/20**; **E02F 9/26**

IPC 8 full level

**E02F 3/18** (2006.01); **E02F 3/84** (2006.01); **E02F 9/20** (2006.01); **E02F 9/26** (2006.01)

CPC (source: EP)

**E02F 3/18** (2013.01); **E02F 9/265** (2013.01)

Citation (examination)

- DE 1634712 A1 19700716 - KRUPP GMBH
- US 4695163 A 19870922 - SCHACHAR RONALD A [US]

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