

Title (en)

Bucket wheel excavator steering for building planned surfaces.

Title (de)

Führung eines Bagger-Schaufelrades zum Erzeugen vorherbestimmter Flächen.

Title (fr)

Conduite d'une roue excavatrice pour la réalisation de surfaces de forme prédéterminée.

Publication

EP 0412395 B1 19940921 (DE)

Application

EP 90114608 A 19900730

Priority

DE 3926221 A 19890808

Abstract (en)

[origin: EP0412395A1] The invention relates to the steering of a bucket wheel excavator (6) for producing planned surfaces in open-cast mining, in particular in quarrying and open-cast lignite mining, by a continuous measurement of the area exposed by the bucket wheel and controlled follow-up of the bucket wheel into the required position for producing the predetermined surface, the bucket wheel being steered by a pulsed laser beam produced in a rotary laser (8, 9) carried along by the machine. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

US9206587B2; DE4133392C1; US8768579B2; US9315967B2; US9567725B2; CN115492188A; US11082010B2; US11885958B2; US11933967B2; US9745721B2; US10655301B2; US11137480B2; US11550036B2; US11698443B2; US11822012B2; US11703569B2; US11808891B2; US10983218B2; US11073617B2; US11550056B2; US11561305B2; US11808854B2; US11874377B2; US10227754B2; USRE48491E; USRE48490E; USRE48504E; USRE48503E; US11028560B2; USRE48666E; USRE48688E

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