

Title (en)

Dug volume measure according to the cutting profile of a bucket wheel excavator or the like.

Title (de)

Fördervolumenmessung aus der Schnittkontur eines Schaufelradbaggers oder anderen Tagebaugeräts.

Title (fr)

Mesure du volume de matériau excavé à partir du profil de coupe d'une roue excavatrice ou similaire.

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0412398A1] The invention relates to the measurement of the extracted volume from the cutting profile of a bucket wheel excavator (6) or the like by means of pulse transit-time measurements of the geometry of a working face. The geometry of the working face is determined by at least one laser beam via transit-time measurements of the laser light, which laser beam is produced in a positionally orientated measuring laser (8, 9) carried along by the machine, the transit time being analysed in a computer. <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; AU726388B2; DE4133392C1; US8768579B2; US9315967B2; US9567725B2; GB2350346A; GB2350346B; US11082010B2; WO2017152916A1; US11885958B2; US11933967B2; US11137480B2; US11550036B2; US11698443B2; US11822012B2; US11703569B2; US11808891B2; US9745721B2; US10655301B2; US10738441B2; US10983218B2; US11073617B2; US11550056B2; US11561305B2; US11808854B2; US11874377B2; US10227754B2; USRE48491E; USRE48490E; USRE48504E; USRE48503E; US11028560B2; USRE48666E; USRE48688E; US12018463B2; EP1452087B2

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