

Title (en)

CONTROL METHOD FOR EARTH-MOVING MACHINES

Publication

EP 0412402 B1 19930407 (DE)

Application

EP 90114615 A 19900730

Priority

DE 3926220 A 19890808

Abstract (en)

[origin: EP0412402A1] The invention relates to a control method for earth-moving machines, such as bucket wheel excavators (5), gravel-bed receivers, etc., in which the morphology, determined in advance, of a deposit or the stratification of embedded material serves as command variables for the movements of the earth-moving machine. The profile of the material to be conveyed is continuously scanned by a light beam (14), and the values determined by the scanning are used as a control variable for the movements of the earth-moving machine. <IMAGE>

IPC 1-7

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

IPC 8 full level

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

CPC (source: EP)

E02F 3/18 (2013.01); **E02F 9/2025** (2013.01)

Citation (examination)

BRAUNKOHL 41 (1989), Heft 5, Mai; Seiten 148-150

Cited by

US8768579B2; US9315967B2; US9567725B2; US9206587B2; DE102019204444A1; US6970801B2; US6369376B1; WO0186077A1; WO9902788A1; WO2012031610A1; US10227754B2; US11028560B2; US9745721B2; US10655301B2

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0412402 A1 19910213; **EP 0412402 B1 19930407**; AT E87989 T1 19930415; AU 6027790 A 19910214; AU 635761 B2 19930401; DE 59001164 D1 19930513; ES 2040009 T3 19931001

DOCDB simple family (application)

EP 90114615 A 19900730; AT 90114615 T 19900730; AU 6027790 A 19900807; DE 59001164 T 19900730; ES 90114615 T 19900730