

Title (en)
Trackborne machine with a swing crane

Title (de)
Gleisverfahrbare Maschine mit einem Drehkran

Title (fr)
Machine pour voie ferroviaire avec grue pivotante

Publication
EP 0675069 B1 19990915 (DE)

Application
EP 95890016 A 19950120

Priority
AT 41194 A 19940228

Abstract (en)
[origin: EP0675069A1] The crane vehicle has a wheeled chassis supporting a rotary crane, with a height-adjustable lifting cylinder (14) for the extendible crane arm (18). The operating drives for the crane have an associated control device (23), coupled to parameter measuring devices for calculating a reference value corresponding to the max. loading of the crane for each working position. The measuring devices are used to measure the transverse inclination of the track, the pivot angle of the crane, the length of the crane arm and the working position of vertically adjustable props (32) for the chassis. The calculated reference value is compared with the detected pressure of the lifting cylinder, with the control device including an overload cut-out. <IMAGE>

IPC 1-7
B66C 23/90; **B66C 23/50**; **B61D 15/02**; **E06C 5/36**

IPC 8 full level
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CPC (source: EP)
B61D 15/02 (2013.01); **B66C 23/50** (2013.01); **B66C 23/905** (2013.01); **E06C 5/36** (2013.01)

Cited by
EP2674384B1; DE19983149B3; IT201600082789A1; EP0801022A3; CN110104003A; DE102014009668B4; CN109153545A; EP1167639A1; CN103663176A; EP1167638A1; CN102455177A; CN115230771A; FR2750971A1; AT18137U1; WO9957057A1; WO2017194184A1; WO2018025124A1; WO9855388A1; US6477455B2; US10661681B2; US6712170B2; EP2917142B1

Designated contracting state (EPC)
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EP 95890016 A 19950120; AT 95890016 T 19950120; CA 2143493 A 19950227; CZ 28995 A 19950206; DE 59506820 T 19950120; ES 95890016 T 19950120; SK 17895 A 19950209