

Title (en)

DOUBLE-BELT SOIL-COMPACTING DEVICE AND STEERING SYSTEM THEREFOR

Title (de)

ZWEIBANDAGIGE BODENVERDICHTUNGSVORRICHTUNG UND DEREN LENKUNG

Title (fr)

ENGIN DE COMPACTAGE DE SOL A DEUX BANDAGES ET SON SYSTEME DE DIRECTION

Publication

EP 0817889 A1 19980114 (DE)

Application

EP 96906688 A 19960329

Priority

- CH 9600112 W 19960329
- CH 91195 A 19950331

Abstract (en)

[origin: WO9630595A1] The invention concerns a double-belt soil-compacting device (5) having a pivoting steering system for the two belts (13a, 13b) and a control unit which is connected to a first and a second belt-pivoting unit and by means of which a first pivoting angle of the first belt (13a) can be automatically adjusted by means of a control unit in non-linear dependence relative to the second pivoting angle of the second, other belt (13b) during a pivoting process. Consequently, the transition from track-following to crab-like travel behaviour and vice versa with the two belts (13a, 13b) mutually offset laterally (d) can be carried out automatically, in particular without meandering. Owing to the easy transition from track-following to crab-like travel behaviour, the device can travel along, and very close to, a boundary without the risk of damaging said boundary during the transition.

IPC 1-7

E01C 19/26; **E01C 19/28**

IPC 8 full level

E01C 19/26 (2006.01); **E01C 19/28** (2006.01)

CPC (source: EP)

E01C 19/26 (2013.01); **E01C 19/282** (2013.01)

Cited by

CZ303105B6

Designated contracting state (EPC)

AT CH DE ES FR GB LI SE

DOCDB simple family (publication)

WO 9630595 A1 19961003; AT E177166 T1 19990315; DE 19536987 A1 19961002; DE 59601383 D1 19990408; EP 0817889 A1 19980114; EP 0817889 B1 19990303

DOCDB simple family (application)

CH 9600112 W 19960329; AT 96906688 T 19960329; DE 19536987 A 19951004; DE 59601383 T 19960329; EP 96906688 A 19960329