

Title (en)
INSERTION DEVICE

Publication
EP 0104441 B1 19860618 (DE)

Application
EP 83108340 A 19830824

Priority
DE 3232021 A 19820827

Abstract (en)
[origin: EP0104441A1] 1. Dowel placer for installing horizontal dowels when producing a concrete carriageway, comprising a horizontal carrier (16) connected by at least two parallelogram braces (20) to a frame (26) of the dowel placer (10), a plurality of dowel holders (18) fixed one beside another on the carrier (16), a raising and lowering means (22, 28) for moving the carrier (16) between an extreme top position, the charging position and an extreme bottom position, the dowel inserting position ; riddling drives which engage the carrier (16) or the dowel holders (18), characterized in that a double arm link (30) is articulated on the raising and lowering means (22, 28) and is that one of the two supports (20a, 20b) of the parallelogram support arrangement (20) is articulated at one end on the carrier (16) and at the other on the raising and lowering means (22, 28) in the region of the double arm link (pivoting spindle 32) and in that the other support (20b) is articulated at one end on the carrier (16) and at the other on one of the two arms (30a, 30b) of the double arm link (30) and in that an adjusting means (34, 36, 40) engaging the other arm (30b) is provided for pivoting the double arm link (30) and thus the carrier (16).

IPC 1-7
E01C 23/04

IPC 8 full level
E01C 11/14 (2006.01); **E01C 23/04** (2006.01)

CPC (source: EP)
E01C 11/14 (2013.01); **E01C 23/04** (2013.01)

Cited by
WO0036221A1; EP0195401A3; DE19982708B4; WO0036220A1

Designated contracting state (EPC)
BE DE FR

DOCDB simple family (publication)
DE 3232021 A1 19840301; DE 3364190 D1 19860724; EP 0104441 A1 19840404; EP 0104441 B1 19860618

DOCDB simple family (application)
DE 3232021 A 19820827; DE 3364190 T 19830824; EP 83108340 A 19830824