

Title (en)

MANIPULATOR FOR PUBLIC WORKS MACHINES, AND MACHINE PROVIDED WITH SUCH A MANIPULATOR SERVING TO TREAT A ROAD

Publication

EP 0369879 B1 19920805 (FR)

Application

EP 89403136 A 19891115

Priority

FR 8814828 A 19881115

Abstract (en)

[origin: EP0369879A1] The invention relates to a manipulator arm (12) for a public works machine, comprising two beams (17, 18) of equal lengths and a cradle which are articulated end to end. The drive beam (17) is articulated at its front end (17a) on the chassis (25) of the carrier machine (15) and the cradle (21) is driven by the rotational movement of the drive beam (17) with the aid of toothed wheels (30, 31, 32, 33) and chains (34, 35) designed and disposed in a manner such that the cradle (21) undergoes a rectilinear translational movement and retains a predetermined direction. <IMAGE>

IPC 1-7

E01C 23/02; **E02F 3/36**; **E02F 5/00**; **E02F 5/02**; **E02F 5/10**; **E02F 9/14**

IPC 8 full level

E02F 5/30 (2006.01); **B25J 11/00** (2006.01); **B25J 17/00** (2006.01); **E01C 23/02** (2006.01); **E01C 23/12** (2006.01); **E02F 3/36** (2006.01); **E02F 5/00** (2006.01); **E02F 5/02** (2006.01); **E02F 5/10** (2006.01); **E02F 9/14** (2006.01)

CPC (source: EP US)

E01C 23/026 (2013.01 - EP US); **E02F 3/427** (2013.01 - EP US); **E02F 5/027** (2013.01 - EP US); **E02F 5/102** (2013.01 - EP US)

Cited by

CN108277837A

Designated contracting state (EPC)

BE CH DE ES GB IT LI

DOCDB simple family (publication)

EP 0369879 A1 19900523; **EP 0369879 B1 19920805**; DE 68902384 D1 19920910; DE 68902384 T2 19930225; ES 2034713 T3 19930401; FR 2639053 A1 19900518; FR 2639053 B1 19910906; JP H02210106 A 19900821; US 5070286 A 19911203

DOCDB simple family (application)

EP 89403136 A 19891115; DE 68902384 T 19891115; ES 89403136 T 19891115; FR 8814828 A 19881115; JP 29722889 A 19891115; US 43735789 A 19891115