

Title (en)

Bending crank with a centre and two shaft-form end pieces

Title (de)

Knickkurbel mit einem Mittelstück und zwei schaftförmigen Endteilen

Title (fr)

Manivelle articulée dotée d'une partie centrale et de deux pièces finales en forme de tige

Publication

**EP 2146045 A3 20140723 (DE)**

Application

**EP 09009153 A 20090714**

Priority

DE 102008033227 A 20080715

Abstract (en)

[origin: EP2146045A2] The bent crank (1) has a central piece (2) and two end pieces made of metal or plastic, from which an end piece connects a crank piece (3), which is applied for manual cranking, and the other end piece, particularly a handle piece (4) is connected with a rod to be driven. The central piece is connected with both the end pieces by bent joints. The bent joints are formed as hinge joint with multiple, interlocking flat pieces (18,21). A joint end piece (13) is provided, which comprises three spaced flat pieces and another joint end piece (16) is provided, which comprises two flat pieces.

IPC 8 full level

**E06B 9/76** (2006.01); **G05G 1/08** (2006.01)

CPC (source: EP)

**E06B 9/76** (2013.01); **G05G 1/085** (2013.01)

Citation (search report)

- [AD] CH 689234 A5 19981231 - CHERUBINI ITALO [CH]
- [AD] DE 8912562 U1 19891228
- [A] EP 1898043 A2 20080312 - GAVIOTA SIMBAC SL [ES]

Cited by

EP2565113A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2146045 A2 20100120; EP 2146045 A3 20140723**

DOCDB simple family (application)

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