

Title (en)
TIME PIECE WHEEL WITH FLEXIBLE TOOTH SET

Title (de)
UHRWERK MIT FLEXIBLEM ZINKENSATZ

Title (fr)
ROUE D'HORLOGERIE À DENTURE FLEXIBLE

Publication
EP 2877900 B1 20180516 (FR)

Application
EP 13733311 A 20130703

Priority
• CH 11662012 A 20120726
• EP 2013063988 W 20130703

Abstract (en)
[origin: WO2014016087A1] Time piece wheel (1) with flexible tooth set, comprising a plurality of spokes (2) each having at least one tooth (3) at the distal end of an arm (4) that is flexible and projects from a hub (5) about an axis (D) of pivoting of said wheel (1). Each said spoke (2) comprises attachment means (6) and complementary attachment means (7) which are designed to collaborate respectively with said complementary attachment means (7) or/and with said attachment means (6) borne by an immediately adjacent said spoke (2), in pulling or pushing contact in certain positions of flexing of at least one of said arms (4) of at least one of said adjacent spokes (2), in order to spread the bending forces between said spoke (2) said arm (4) of which is flexed, and at least one of its adjacent said spokes (2).

IPC 8 full level
G04B 13/02 (2006.01)

CPC (source: EP)
G04B 13/027 (2013.01)

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2014016087 A1 20140130; CH 706762 A2 20140131; CN 104603698 A 20150506; CN 104603698 B 20161228; EP 2877900 A1 20150603; EP 2877900 B1 20180516; HK 1206438 A1 20160108

DOCDB simple family (application)
EP 2013063988 W 20130703; CH 11662012 A 20120726; CN 201380038968 A 20130703; EP 13733311 A 20130703; HK 15106880 A 20150720