Title (en)
CIRCULAR BLADE DRIVE, IN PARTICULAR FOR BREAD CUTTING MACHINES

Title (de)
KREISMESSERANTRIEB, INSBESONDERE FÜR BROTSCHNEIDEMASCHINEN

Title (fr)
ENTRAÎNEMENT DE LAME CIRCULAIRE, EN PARTICULIER POUR DES TRANCHEUSES À PAIN

Publication
EP 2896490 B1 20170621 (DE)

Application
EP 14197326 A 20141211

Priority
DE 202014100185 U 20140116

Abstract (en)
[origin: RU2677826C2] FIELD: machine building.SUBSTANCE: invention relates to a circular knife drive that drives a rotating circular knife mounted on a rocker with the possibility of rotation and driven in rotation by the first motor, and by means of the second motor, it drives the rocker to move the circular knife into the cutting position, characterized in that a transmission is provided in which the first motor rotates the shaft of the circular knife with the circular knife attached to it, and the second motor rotates the rocker using the rocker shaft and in which the rocker shaft is arranged in the center of gravity of the rocker, and at a distance relative to it, the shaft of the circular knife is rotatably mounted on the rocker, thus the number of revolutions of the shaft of the circular knife is a function of the speed difference between the two motors.EFFECT: separate regulation of rotation and orbital movement of a circular knife, the speed of which is constant, is provided.11 cl, 3 dwg

IPC 8 full level
B26D 1/16 (2006.01)

CPC (source: EP RU)
B26D 1/16 (2013.01 - EP RU); **B26D 5/08** (2013.01 - EP)

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)
DE 202014100185 U1 20140218; DK 2896490 T3 20171002; EP 2896490 A1 20150722; EP 2896490 B1 20170621; LT 2896490 T 20170911; RU 2015101063 A 20160810; RU 2015101063 A3 20180727; RU 2677826 C2 20190121

DOCDB simple family (application)
DE 202014100185 U 20140116; DK 14197326 T 20141211; EP 14197326 A 20141211; LT 14197326 T 20141211; RU 2015101063 A 20150115