

Title (en)

Adjustable countercam device for a circular knitting machine

Title (de)

Einstellbare Schlossvorrichtung für eine Rundstrickmaschine

Title (fr)

Dispositif de came d'ascension réglable pour métier à tricoter circulaire

Publication

EP 2402490 A1 20120104 (EN)

Application

EP 10193137 A 20101130

Priority

TW 99121451 A 20100630

Abstract (en)

An adjustable countercam device for a circular knitting machine is adapted to be mounted on a sinker ring (10) to cooperate with a sinker cam (132) to define a camming path of sinkers (200). The device includes a primary counter-guide plate (21) having forward and backward marginal edges (2181, 2191) serving as an outside boundary of the camming path, and an auxiliary counter-guide plate (22) having a body marginal edge (221) in alignment with the backward marginal edge (2191) in a pre-adjusted position, and disposed to restrain to make a radial displacement corresponding to the movement of the forward marginal edge (2181) so as to keep the body marginal edge (221) in line with the forward marginal edge (2181) in an adjusted position.

IPC 8 full level

D04B 15/34 (2006.01)

CPC (source: EP)

D04B 15/34 (2013.01)

Citation (applicant)

EP 0454023 A2 19911030 - LONATI SRL [IT]

Citation (search report)

- [AD] EP 0454023 A2 19911030 - LONATI SRL [IT]
- [A] US 4864833 A 19890912 - BINI FRANCO [IT]
- [A] WO 03100147 A1 20031204 - SANTONI & C SPA [IT], et al

Cited by

CN105887304A; CN107841822A; CN109440282A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2402490 A1 20120104; EP 2402490 B1 20130213; TW 201200658 A 20120101; TW I402388 B 20130721

DOCDB simple family (application)

EP 10193137 A 20101130; TW 99121451 A 20100630