

Title (en)
DEVICE AND METHOD FOR CATCHING AND STRETCHING WEFT THREADS

Title (de)
VORRICHTUNG UND VERFAHREN ZUR ERFASSUNG UND DEHNUNG VON SCHUSSFÄDEN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE SAISIE ET D'ÉTIRAGE DE FILS DE TRAME

Publication
EP 3507404 C0 20230906 (EN)

Application
EP 17746448 A 20170727

Priority
• BE 201600141 A 20160902
• EP 2017068962 W 20170727

Abstract (en)
[origin: WO2018041485A1] Device for catching and stretching a weft thread (3) inserted into a shed of a weaving machine, comprising a weft thread stretching device (28), a guiding device (25), and a weft thread holding device (27) comprising a first suction nozzle (11) that is arranged stationary on the weaving machine in an extension of an insertion path, which first suction nozzle (11) has an opening (23) directed towards a fabric edge (14) of the fabric (2) and is adapted to generate a suction stream in parallel to the beat-up line (10), so that after the weft thread (3) has been beaten-up a free end of said weft thread (3) held in the first suction nozzle (11) extends at least essentially in parallel to the beat-up line (10). A weaving machine with such a device (1), and a method for catching and stretching weft threads (3).

IPC 8 full level
D03D 47/30 (2006.01)

CPC (source: EP)
D03D 47/308 (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

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
WO 2018041485 A1 20180308; BE 1024545 A1 20180328; BE 1024545 B1 20180405; CN 109642362 A 20190416; CN 109642362 B 20210806; EP 3507404 A1 20190710; EP 3507404 B1 20230906; EP 3507404 C0 20230906

DOCDB simple family (application)
EP 2017068962 W 20170727; BE 201600141 A 20160902; CN 201780053905 A 20170727; EP 17746448 A 20170727