

Title (en)

A PIECING ARM ASSEMBLY FOR AN AUTOMATIC PIECING APPARATUS AND A METHOD THEREOF

Title (de)

ARMSYSTEM EINER VORRICHTUNG ZUM AUTOMATISCHEN VERBINDEN UND VERFAHREN DAFÜR

Title (fr)

ENSEMBLE BRAS DE RATTACHAGE POUR APPAREIL DE RATTACHAGE AUTOMATIQUE ET PROCÉDÉ ASSOCIÉ

Publication

**EP 3556919 A1 20191023 (EN)**

Application

**EP 19167723 A 20190408**

Priority

IN 201841014825 A 20180419

Abstract (en)

A piecing arm assembly (15) for an automatic piecing apparatus (7), wherein the piecing arm assembly (15) comprises at least one arm (16) configured to displace between a first position and a second position. The at least one arm (16) has a plurality of guide fingers (19) and at least one roller (25) positioned on the plurality of guide fingers (19). A movable plate (18) with guide slot (20) is connected to a support member that extends from the at least one arm (16), said guide slot (20) is configured to displace linearly to align the tail yarn (12) for piecing.

IPC 8 full level

**D01H 15/013** (2006.01); **D01H 15/00** (2006.01)

CPC (source: CN EP)

**D01H 15/00** (2013.01 - EP); **D01H 15/013** (2013.01 - CN)

Citation (search report)

- [Y] GB 1193305 A 19700528 - ALTAISKY POLITEKNIKESKY INST [RU]
- [Y] DE 3015839 A1 19811029 - ZINSER TEXTILMASCHINEN GMBH [DE]
- [Y] DE 3728333 A1 19890309 - ZINSER TEXTILMASCHINEN GMBH [DE]
- [Y] JP S5296241 A 19770812 - TOYO BOSEKI, et al
- [Y] JP H07278976 A 19951024 - ISHIKAWA SEISAKUSHO KK

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 3556919 A1 20191023**; CN 110387616 A 20191029; CN 110387616 B 20220329

DOCDB simple family (application)

**EP 19167723 A 20190408**; CN 201910303292 A 20190416