

Title (en)
SEWING INSTALLATION

Title (de)
NÄHANLAGE

Title (fr)
INSTALLATION POUR MACHINE À COUDRE

Publication
EP 2470698 A1 20120704 (DE)

Application
EP 10765738 A 20100826

Priority
• DE 102009038602 A 20090826
• DE 2010000989 W 20100826

Abstract (en)
[origin: WO2011023170A1] The invention relates to a sewing installation, comprising: a first robot (9), which takes an upper material part (7) from a first stacking device (1) and a lower material part (8) from a second stacking station (2) and transports the upper material part (7) and the lower material part (8) to an insertion station (11) and lays the upper material part and the lower material part on top of each other congruently in the insertion station and arranges the upper material part and the lower material part in a sewing material retainer (27), which holds together the upper material part (7) and the lower material part (8) congruently, wherein the sewing material retainer (27) holds the upper material part (7) and the lower material part (8) in such a way that the upper material part and the lower material part protrude beyond an outer contour of the sewing material retainer by a predetermined distance (30) on the outside. The invention further relates to a second robot (13), which takes a sewing material retainer (27) from the insertion station (11) and feeds the sewing material retainer to a first sewing station (16), which comprises a first sewing machine (45), wherein the first sewing machine (45) follows the outer contour of the sewing material retainer (27) and in the process sews the upper material part (7) and the lower material part (8) to each other by means of a seam (31) produced by the first sewing machine in the area of the protruding distance (30) of the upper material part (7) and of the lower material part (8).

IPC 8 full level
D05B 33/00 (2006.01)

CPC (source: EP)
D05B 33/00 (2013.01); **D05B 33/006** (2013.01)

Citation (search report)
See references of WO 2011023170A1

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011023170 A1 20110303; DE 102009038602 A1 20110310; EP 2470698 A1 20120704; EP 2470698 B1 20130619

DOCDB simple family (application)
DE 2010000989 W 20100826; DE 102009038602 A 20090826; EP 10765738 A 20100826