

Title (en)  
SEWING MACHINE AND PROCESS FOR SEWING TOGETHER, BY MEANS OF SAID SEWING MACHINE, AT LEAST TWO OVERLAPPING FLAPS OF TEXTILE

Title (de)  
NÄHMASCHINE UND VERFAHREN ZUM ZUSAMMENNÄHEN MINDESTENS ZWEIER ÜBERLAPPENDER STOFFKREMPEN MITHILFE DIESER NÄHMASCHINE

Title (fr)  
MACHINE A COUDRE ET PROCESSUS POUR COUDRE ENSEMBLE, AU MOYEN DE LADITE MACHINE A COUDRE, AU MOINS DEUX RABATS DE TEXTILE SE CHEVAUCHANT

Publication  
**EP 2785903 A1 20141008 (EN)**

Application  
**EP 12808493 A 20121121**

Priority  
• IT MI20112188 A 20111130  
• IB 2012056593 W 20121121

Abstract (en)  
[origin: WO2013080094A1] A sewing machine of an "overlook" "cut-and-sew" type for sewing together at least two flaps (3 a, 3 b) of textile that are overlapping and belonging to one or more textile articles, comprising at least a needle plate (2) suitable for supporting at least two overlapping flaps (3 a, 3 b) of textile of one or more textile articles which are sliding for forming sewing stitches (10a, 10b, 10c), the needle plate (2) being provided with through-openings defining respective seatings (4) for passage of sewing needles (5) and at least a lateral appendage (6) defining a sliding line (7) for the sewing stitches (10a, 10b, 10c); a lower crochet hook (14); an upper crochet hook (15); and at least a sewing needle bearing device (11) with at least three sewing needles (5) mounted on the device (11), reciprocally flanked, aligned to one another and supplied with respective sewing threads (10), and being suitable for passing through the seatings (4) of the needle plate (2) for sewing the overlapping flaps (3a, 3b) of textile, the needle plate (2) being provided with at least three of the seatings (4) for passage of the sewing needles (5), each of the seatings (4) for passage of the sewing needles (5) being configured for being crossed by at least a respective sewing needle, the needle plate (2) being provided with respective separating portions (8) suitable for at least partially separating each seating for passage of sewing needles (5) from the adjacent seatings (4) for passage of needles (5), at least at the passage zone (9) of the needles (5), such as to enable formation in parallel of at least three sewing stitches (10a, 10b, 10c) that are distinct and reciprocally distanced from one another.

IPC 8 full level  
**D05B 1/20** (2006.01); **D05B 37/04** (2006.01); **D05B 73/12** (2006.01)

CPC (source: EP US)  
**D05B 1/20** (2013.01 - EP US); **D05B 37/04** (2013.01 - EP US); **D05B 73/12** (2013.01 - EP US)

Citation (search report)  
See references of WO 2013080094A1

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)  
**WO 2013080094 A1 20130606**; BR 112014012500 A2 20170606; BR 112014012500 B1 20210126; CA 2856504 A1 20130606; CA 2856504 C 20160906; CN 103998670 A 20140820; CN 103998670 B 20160615; EP 2785903 A1 20141008; EP 2785903 B1 20160120; ES 2568744 T3 20160504; HK 1200508 A1 20150807; HR P20160365 T1 20160603; IT MI20112188 A1 20130531; JP 2014533601 A 20141215; JP 6094977 B2 20170315; PL 2785903 T3 20160831; RS 54729 B1 20161031; RU 2014120985 A 20160127; RU 2584108 C2 20160520; SI 2785903 T1 20160930; US 2014360419 A1 20141211

DOCDB simple family (application)  
**IB 2012056593 W 20121121**; BR 112014012500 A 20121121; CA 2856504 A 20121121; CN 201280059220 A 20121121; EP 12808493 A 20121121; ES 12808493 T 20121121; HK 15101019 A 20150129; HR P20160365 T 20160411; IT MI20112188 A 20111130; JP 2014544005 A 20121121; PL 12808493 T 20121121; RS P20160237 A 20121121; RU 2014120985 A 20121121; SI 201230527 A 20121121; US 201214361443 A 20121121