

Title (en)
INDUSTRIAL SEWING MACHINE

Title (de)
INDUSTRIELLE NÄHMASCHINE

Title (fr)
MACHINE À COUDRE INDUSTRIELLE

Publication
EP 3725929 A1 20201021 (EN)

Application
EP 20169729 A 20200415

Priority
IT 201900005890 A 20190416

Abstract (en)
An industrial sewing machine (10) formed by a machine body, also of the reverse arm type, comprising:• a spool assembly (11) for feeding the upper sewing yarns (25),• an upper head (12) in which the sewing needle is arranged with the movement members thereof,• an advancement system (14) for advancing the fabric on a work surface below which a looper means is arranged which, together with the needle, contributes to the formation of the sewing stitch,wherein between said spool assembly (11) and said upper head (12) in which a needle is arranged, a dynamic device (16) is applied to the machine body, the dynamic device having two or more positions for controlling the formation of the stitch and compensating for the tension of said upper sewing yarns (25) said dynamic device (16) comprising lower thread guides (17', 20) between which at least one flexible elastic element (22) is interposed for compensating for the tension of the threads and an upper thread guide (27), and wherein said dynamic device (16) can be adjusted angularly on a pin (29) to bring said upper thread guide (27) from a work position to a rest position through an actuator (30).

IPC 8 full level
D05B 47/04 (2006.01)

CPC (source: EP)
D05B 47/04 (2013.01)

Citation (search report)
• [XA] DE 102008016774 A1 20081002 - JUKI KK [JP]
• [XA] DE 102009048794 A1 20110414 - CHEE SIANG IND CO LTD [TW]
• [XA] JP 2019017666 A 20190207 - JUKI KK
• [XA] JP S53111858 A 19780929 - BROTHER IND LTD

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 3725929 A1 20201021; EP 3725929 B1 20211117; IT 201900005890 A1 20201016

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