

Title (en)

Apparatus for feeding a quilting machine with a cloth to be quilted

Title (de)

Vorrichtung zum Zuführen eines zusteppenden Werkstücks zu einer Steppmaschine

Title (fr)

Dispositif pour alimenter une machine à piquer en étoffe à piquer

Publication

EP 1793025 A3 20081105 (EN)

Application

EP 06125133 A 20061130

Priority

IT BO20050737 A 20051202

Abstract (en)

[origin: EP1793025A2] An apparatus for feeding a quilting machine with a cloth (P) to be quilted, composed of superimposed sheets (T1, T2, T3) which are unwound from respective rolls (C1, C2, C3) in an advancement direction (B), and comprising longitudinal gripper elements (19, 20, 21, 22) which can move between a closer position for gripping the lateral edges of said cloth (P) which are parallel to said advancement direction (B) and a spaced position for widening the cloth (P), transverse grip means which are arranged downstream of said longitudinal gripper elements (19, 20, 21, 22) and are associated with elements (11, 12) for conveying the cloth (P) and means (10) for the transverse locking of the cloth (P) which are arranged upstream of the longitudinal gripper means (19, 20, 21, 22), auxiliary means (29) being arranged upstream of the transverse locking means (10) and being suitable to act on the upper sheet (T2) and produce an elongation thereof with respect to the underlying sheets (T1, T3).

IPC 8 full level

D05B 11/00 (2006.01)

CPC (source: EP)

D05B 11/00 (2013.01)

Citation (search report)

- [A] US 4883009 A 19891128 - HASELBERGER FRANZ [AT], et al
- [A] US 3960095 A 19760601 - STORY WAYNE G
- [DA] IT BO970088 A1 19980824 - RESTA SRL [IT]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1793025 A2 20070606; EP 1793025 A3 20081105; IT BO20050737 A1 20070603

DOCDB simple family (application)

EP 06125133 A 20061130; IT BO20050737 A 20051202