

Title (en)
SUPPLY DEVICE FOR FABRIC OR THE LIKE

Title (de)
ZUFÜHRVORRICHTUNG FÜR GEWEBE ODER DERGLEICHEN

Title (fr)
DISPOSITIF D'ALIMENTATION POUR TISSU OU SIMILAIRE

Publication
EP 4206396 A1 20230705 (EN)

Application
EP 21861601 A 20210825

Priority
• JP 2020144699 A 20200828
• JP 2021031118 W 20210825

Abstract (en)
In this cloth supply device, a level difference between feeding clamps is varied according to the width of an upper edge part of a cloth, which, combined with retaining a plurality of cloths, increases the processing efficiency of a cloth spreading apparatus. The device includes: double feeding paths which are provided at one or more locations and of which lower parts extend upward parallel to each other while upper parts merge with each other; a common conveying path into which the double feeding paths further merge after merging with each other; a pair of conveying clamps that respectively pass through the double feeding paths independently of each other and respectively grasp the adjacent corners of the cloth; a supply path that branches off from the common conveying path and extends to a position of delivery to the pair of spreading clamps; corner independent feeding means that raises the pair of conveying clamps independently of each other by the double feeding paths, as well as passes the pair of conveying clamps in tandem through the common conveying path; and corner transfer means that passes the pair of conveying clamps from the common conveying path to the supply path and transfers both corners of the cloth grasped by the pair of conveying clamps to the pair of spreading clamps.

IPC 8 full level
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CPC (source: EP)
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KH MA MD TN

DOCDB simple family (publication)
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