Title (en)
METHOD AND DEVICE FOR EXTENDING AND CARRYING CLOTH

Title (de)
VERFAHREN UND VORRICHTUNG ZUM AUSBREITEN UND TRAGEN VON TUCH

Title (fr)
PROCÉDÉ ET DISPOSITIF D'EXTENSION ET DE TRANSPORT DE TOILE

Publication
EP 1820894 A1 20070822 (EN)

Application
EP 05793181 A 20051013

Priority
• JP 2005018844 W 20051013
• JP 2004341315 A 20041125

Abstract (en)
[Purpose] To provide a device and a method for spreading and carrying cloth with higher treatment performance and higher quality than the prior art. [Solving Means] The device for spreading and carrying the cloth comprises a inserting device carrying the cloth upward while grasping the cloth at both corner regions on one side thereof, a transverse chuck moving the cloth received from the inserting device to a center position along a first rail disposed to lie in the right-to-left direction, a delivery device receiving the cloth from the transverse chuck and delivering the cloth to an spreading device, the spreading device formed of a pair of chucks movable along a second rail disposed to lie in the right-to-left direction, receiving the cloth from the delivery device, and separating the pair of chucks away from each other to laterally extend the cloth, an air suction device spreading the laterally spread cloth in the vertical direction, a horizontally moving device receiving the cloth from the spreading device and delivering the cloth to a carrying device, and the carrying device receiving the cloth from the horizontally moving device and carrying the cloth to a next process.

IPC 8 full level
D06F 67/04 (2006.01)

CPC (source: EP KR)
D06C 3/00 (2013.01 - KR); **D06F 67/04** (2013.01 - EP KR)

Cited by
CN110219144A; CN110869551A; EP3181748A4; CN108699759A; AU2017230910B2; US11299846B2; US8438761B2; WO2016162334A1; US8845259B2; US9873975B2; US10829887B2; US10435836B2; US10815612B2; WO2017153511A1

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