

Title (en)

Method and apparatus for automatically gripping two adjacent corners of a flat cloth.

Title (de)

Verfahren und Vorrichtung zum automatischen Greifen von zwei angrenzenden Ecken eines flachen Leinenzeuges.

Title (fr)

Procédé de préhension automatisée de deux coins adjacents d'un linge plat et machine correspondante.

Publication

**EP 0347323 A1 19891220 (FR)**

Application

**EP 89401680 A 19890615**

Priority

FR 8808079 A 19880616

Abstract (en)

The invention relates to a method for automatically gripping two adjacent corners of a flat rectangular cloth and an apparatus for carrying out the method. Any zone of the flat cloth and a first corner are grasped (at 5). Subsequently, the first corner is subjected to a relative movement in relation to the grasping zone in such a way that at least one of the two corners adjacent to the first forms a low point. Finally, the corner which is at the low point is grasped (at 12) and then the grasping zone is released.

IPC 1-7

**D06F 95/00**

IPC 8 full level

**D06F 57/02** (2006.01); **D06F 67/04** (2006.01); **D06F 87/00** (2006.01); **D06F 95/00** (2006.01)

CPC (source: EP US)

**D06F 95/00** (2013.01 - EP US)

Citation (search report)

- [AP] JP S63139863 A 19880611 - MITSUBISHI HEAVY IND LTD, et al
- [AP] JP S63139864 A 19880611 - MITSUBISHI HEAVY IND LTD, et al
- [AD] FR 2336510 A1 19770722 - KLEINDIENST ET CO MASCHINENFAB [DE]

Cited by

EP1905884A1; EP0751251A4; EP0595739A1; FR2697544A1; WO9321373A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

**EP 0347323 A1 19891220; EP 0347323 B1 19920826**; AT E79914 T1 19920915; DE 68902592 D1 19921001; DE 68902592 T2 19930415; DK 170078 B1 19950515; DK 294689 A 19891217; DK 294689 D0 19890615; FR 2632987 A1 19891222; FR 2632987 B1 19901026; JP 2724316 B2 19980309; JP H0277300 A 19900316; US 5168645 A 19921208

DOCDB simple family (application)

**EP 89401680 A 19890615**; AT 89401680 T 19890615; DE 68902592 T 19890615; DK 294689 A 19890615; FR 8808079 A 19880616; JP 15243989 A 19890616; US 62562990 A 19901206