Title (en)
　　Device for changing orientation of tape of tape transfer device

Title (de)
　　Vorrichtung zur Änderung der Ausrichtung eines Bands einer Bandübertragungsvorrichtung

Title (fr)
　　Dispositif pour modifier l'orientation de la bande dans un dispositif de transfert de bande

Publication
　　EP 2208697 A1 20100721 (EN)

Application
　　EP 09168690 A 20090826

Priority
　　EP 09168690 A 20090826

Abstract (en)
　　A tape transfer device includes a device (3) for changing the orientation of a tape (S). The device includes a frame (10) including a first end (101) retained in a case (1) of the tape transfer device, and a second end (102) exposed outside the case and connected with an application head (40). The frame includes a first surface (11) and a second surface (12) wound by the tape. The device also includes a first guiding member (20) and a second guiding member (30) disposed on the first end 101 of the frame and on the first surface 11 and second surface (12), respectively. The first guiding member 20 changes the tape 5 from a first orientation to a second orientation. The second guiding member (30) changes the tape (5) from the second orientation to the first orientation. Further, the first 20 and second 30 guiding members prevent the tape 5 from deviating away from a predetermined path defined on the application head (40).

IPC 8 full level
　　B65H 37/00 (2006.01)

CPC (source: EP)
　　B65H 37/007 (2013.01)

Citation (applicant)
- EP 1332998 A1 20030806 - CAMPINS MASRIERA JUAN ANTONIO [ES]
- US 5795085 A 19980818 - YOO KWANG-HO [KR]

Citation (search report)
- [X] EP 1332998 A1 20030806 - CAMPINS MASRIERA JUAN ANTONIO [ES]
- [X] US 5795085 A 19980818 - YOO KWANG-HO [KR]
- [A] DE 102006031173 A1 20080110 - HENKEL KGAA [DE]

Citation (examination)
　　EP 2269932 A1 20110105 - SDI CORP [CN]

Designated contracting state (EPC)
　　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 SE SI SK SM TR

Designated extension state (EPC)
　　AL BA RS

DOCDB simple family (publication)
　　EP 2208697 A1 20100721

DOCDB simple family (application)
　　EP 09168690 A 20090826