

Title (en)
Turning device

Title (de)
Wendeeinrichtung

Title (fr)
Dispositif de retournement

Publication
EP 1170238 B1 20051102 (DE)

Application
EP 01108977 A 20010411

Priority
• DE 10024091 A 20000518
• DE 10059913 A 20001201

Abstract (en)
[origin: US6626103B2] An inverter (1) for thin, flat products (2), especially printing substrates in a printing machine, with belts (7, 8) positioned over two deflection pulleys (3, 4, 5, 6) that are set together at 180° between the deflection pulleys (3, 4, 5, 6). Such inverter is configured so that the product (2) and the belts (7, 8) move precisely in their reference positions. This is achieved by the fact that, in the transport direction (9), after a setting region (10) at least three guide rolls (11, 12, 13) are mounted on the supporting strand sides (7', 8') of belts (7, 8) in alternating arrangement and at least one of the guide rolls (11, 12 13) has a retaining collar (14) on at least one side and at least one guide roll (18) is arranged before the setting region (10). Further, at least one guide device (19, 20, 21) is arranged to guide product (2) to facilitate inversion.

IPC 1-7
B65H 15/00

IPC 8 full level
B65H 5/02 (2006.01); **B65H 15/00** (2006.01); **G03G 15/23** (2006.01)

CPC (source: EP US)
B65H 15/012 (2020.08 - EP US); **G03G 15/234** (2013.01 - EP US); **B65H 2301/33212** (2013.01 - EP US); **B65H 2301/33224** (2013.01 - EP US); **B65H 2404/2691** (2013.01 - EP US); **G03G 2215/00438** (2013.01 - EP US)

Cited by
DE102007022176A1; EP1246449A3; EP1246448A3; DE102007022176B4; WO2005090077A1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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