

Title (en)  
Band deflecting device

Title (de)  
Umlenkaggregat

Title (fr)  
Dispositif pour devier une bande

Publication  
**EP 1050461 A3 20021009 (DE)**

Application  
**EP 00107955 A 20000417**

Priority  
DE 19920724 A 19990505

Abstract (en)  
[origin: US6499281B1] A deflecting subassembly 10 for the guided deflection of a band 12 consisting, in particular, of plastic may be provided, in particular, for a strapping machine 16 comprising a strapping subassembly 14, for the purpose of deflecting the band 12 in a region located between a band store 18 and the strapping subassembly 14. The deflecting subassembly comprises a deflecting roller 20, a band-inlet channel 22, which is arranged upstream of the deflecting roller 20, a band-outlet channel 24, which is arranged downstream of the deflecting roller 20, it being possible for the band-inlet channel 22 and the band-outlet channel 24 to be adjusted relative to one another, and an outer, flexible directing member 26 which bridges the interspace between the band-inlet and band-outlet channels 22 and 24, respectively, and is located opposite the outer circumference of the inner deflecting roller 20.

IPC 1-7  
**B65B 13/18**

IPC 8 full level  
**B65B 13/18** (2006.01)

CPC (source: EP US)  
**B65B 13/18** (2013.01 - EP US)

Citation (search report)  
• [XA] DE 3300039 A1 19830721 - SHOKO KIKO CO [JP]  
• [A] JP H01213109 A 19890825 - NICHIRO KOGYO KK  
• [A] CH 384450 A 19641115 - GIRSBERGER EMIL [CH]

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**US 6499281 B1 20021231**; AT E304475 T1 20050915; CA 2307394 A1 20001105; DE 19920724 C1 20000907; DE 50011147 D1 20051020; EP 1050461 A2 20001108; EP 1050461 A3 20021009; EP 1050461 B1 20050914; ES 2247972 T3 20060316; TW 466200 B 20011201

DOCDB simple family (application)  
**US 54835400 A 20000412**; AT 00107955 T 20000417; CA 2307394 A 20000502; DE 19920724 A 19990505; DE 50011147 T 20000417; EP 00107955 A 20000417; ES 00107955 T 20000417; TW 89108102 A 20000428