

Title (en)
Turner bar tower configuration

Title (de)
Wendeturmanordnung

Title (fr)
Configuration en forme de tour de barres de retournement

Publication
EP 0888887 A2 19990107 (DE)

Application
EP 98810587 A 19980625

Priority
DE 19728207 A 19970702

Abstract (en)
The turning bars (21,22) are superimposed on several planes (E1-E12) for guiding the printed webs over each other. A first turning tower (11) and at least one second turning tower (12) are positioned directly behind each other in a printing web running into the two towers. At least one guide element (15-18) on the side of the second tower facing away from the first tower in the input direction of the web is used as a bay-window arrangement for the first turning tower. Cutters (16,17) are positioned on the sides of the towers facing away from each other for cutting the web lengthways. A third tower is included between the first and second towers.

Abstract (de)
Eine Wendeturmanordnung für eine Druckmaschine umfasst einen Wendeturm (11) mit in mehreren Ebenen (E1 - E12) übereinander angeordneten Wendestangen (21, 22) zum Übereinanderführen von Druckbahnen. Ein erster Wendeturm (11) und wenigstens ein zweiter Wendeturm (12) sind in Richtung einer in einen der beiden Wendetürme (11, 12) einlaufenden Bedruckbahn unmittelbar hintereinander angeordnet. <IMAGE>

IPC 1-7
B41F 13/06

IPC 8 full level
B41F 13/06 (2006.01)

CPC (source: EP US)
B41F 13/06 (2013.01 - EP US)

Cited by
EP3183119A4; DE102004043071B3; DE10311636A1; DE10311636B4; DE102007002794A1; DE102004060725A1; EP1457325A1; US8001891B2; EP1632348A2; WO2007071459A1; WO2004024448A1; US7159514B2; EP1528982B1

Designated contracting state (EPC)
CH DE ES FI FR GB IT LI

DOCDB simple family (publication)
EP 0888887 A2 19990107; EP 0888887 A3 19990512; EP 0888887 B1 20021211; DE 19728207 A1 19990107; DE 59806593 D1 20030123; ES 2187915 T3 20030616; US 6082259 A 20000704

DOCDB simple family (application)
EP 98810587 A 19980625; DE 19728207 A 19970702; DE 59806593 T 19980625; ES 98810587 T 19980625; US 10867198 A 19980701