

Title (en)

Printing machine comprising at least one printing group.

Title (de)

Druckmaschine mit mindestens einem Druckwerk

Title (fr)

Machine à imprimer comprenant au moins un groupe d'impression.

Publication

**EP 1634833 A2 20060315 (DE)**

Application

**EP 05101871 A 20031219**

Priority

- EP 03785589 A 20031219
- DE 10304295 A 20030204

Abstract (en)

Printing machine comprises at least one printing group (03), a folding device, and at least one turning and mixing stage (07) feeding a web (04, 06) from the printing group to the folding device. The path of the web projected in the horizontal direction from the printing group to the folding device has a bend in the turning and mixing stage. The turning and mixing stage has an inlet-side longitudinal cutting device (08) for cutting the web into two partial webs and at least two horizontally displaceable turning bars each surrounded by a partial web. Independent claims are also included for alternative printing machines. Preferred Features: The turning bars are parallel to the path of the web between the printing group and the turning and mixing stage.

IPC 8 full level

**B65H 23/32** (2006.01); **B65H 39/16** (2006.01); **B65H 45/22** (2006.01); **B65H 45/28** (2006.01)

CPC (source: EP US)

**B41F 13/56** (2013.01 - EP US); **B65H 23/32** (2013.01 - EP US); **B65H 39/16** (2013.01 - EP US); **B65H 45/225** (2013.01 - EP US); **B65H 45/28** (2013.01 - EP US); **B65H 2301/4148** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004069708 A1 20040819**; AT E328830 T1 20060615; AT E345299 T1 20061215; AT E348065 T1 20070115; AU 2003294663 A1 20040830; DE 10304295 A1 20040819; DE 50303758 D1 20060720; DE 50305719 D1 20061228; DE 50305999 D1 20070125; EP 1590283 A1 20051102; EP 1590283 B1 20060607; EP 1634832 A2 20060315; EP 1634832 A3 20060322; EP 1634832 B1 20061213; EP 1634833 A2 20060315; EP 1634833 A3 20060322; EP 1634833 B1 20061115; ES 2277317 T3 20070701; US 2006130682 A1 20060622; US 7513195 B2 20090407

DOCDB simple family (application)

**DE 0304192 W 20031219**; AT 03785589 T 20031219; AT 05101869 T 20031219; AT 05101871 T 20031219; AU 2003294663 A 20031219; DE 10304295 A 20030204; DE 50303758 T 20031219; DE 50305719 T 20031219; DE 50305999 T 20031219; EP 03785589 A 20031219; EP 05101869 A 20031219; EP 05101871 A 20031219; ES 05101871 T 20031219; US 54325605 A 20050725