

Title (en)  
LEADING EDGE ORIENTATION IN A FEEDING UNIT

Title (de)  
VORDERKANTENAUSRICHTUNG IN ANLEGEEINHEIT

Title (fr)  
REPÉRAGE DE BORD AVANT DANS UNE UNITÉ DE MARGEAGE

Publication  
**EP 3463888 A1 20190410 (DE)**

Application  
**EP 17726268 A 20170524**

Priority

- DE 102016109732 A 20160525
- DE 102017111311 A 20170523
- EP 2017062566 W 20170524

Abstract (en)

[origin: WO2017202926A1] A feeding unit for a sheet-fed rotary printing press comprises one or more printing units (D1, D2) and/or inking modules. Said printing unit/s and/or inking module/s is/are fitted with a substructure consisting of double-size transfer drums (4) and impression cylinders (5). The feeding unit is provided with a sheet feeder (1), a conveying unit and a feeding table (2) and includes a single-size or double-size feeding drum (3.2) which is associated with a sheet-guiding drum of a first printing unit (D1) of the sheet-fed rotary printing press. In order to improve handling, the conveying unit is designed as an endless conveyor system (11) that connects the lower feeding drum (3.2) to an upper feeding drum (3.1). A conveyor system (11) that is placed between the upper and lower feeding drums (3.1, 3.2) includes gripper systems (8) and can be controlled in such a way as to compensate for sheet movements in the direction of travel (R).

IPC 8 full level  
**B41F 21/00** (2006.01); **B41F 21/05** (2006.01); **B41F 21/06** (2006.01); **B41F 21/08** (2006.01); **B41F 21/12** (2006.01); **B41F 21/14** (2006.01)

CPC (source: EP)  
**B41F 21/00** (2013.01); **B41F 21/05** (2013.01); **B41F 21/06** (2013.01); **B41F 21/08** (2013.01); **B41F 21/12** (2013.01); **B41F 21/14** (2013.01); **B65H 5/085** (2013.01); **B65H 7/08** (2013.01); **B65H 9/101** (2013.01); **B65H 2404/341** (2013.01); **B65H 2511/20** (2013.01); **B65H 2701/1311** (2013.01)

C-Set (source: EP)

1. **B65H 2701/1311** + **B65H 2220/01**
2. **B65H 2511/20** + **B65H 2220/02** + **B65H 2220/11**

Citation (search report)  
See references of WO 2017202926A1

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2017202926 A1 20171130**; DE 102017111311 A1 20171130; EP 3463888 A1 20190410; EP 3463888 B1 20210120

DOCDB simple family (application)  
**EP 2017062566 W 20170524**; DE 102017111311 A 20170523; EP 17726268 A 20170524