

Title (en)  
ROTOGRAVURE PRINTING APPARATUS

Title (de)  
TIEFDRUCKVORRICHTUNG

Title (fr)  
APPAREIL D'IMPRESSION PAR ROTOGRAVURE

Publication  
**EP 2139682 A1 20100106 (EN)**

Application  
**EP 08724295 A 20080327**

Priority  
• SE 2008050349 W 20080327  
• SE 0700985 A 20070423

Abstract (en)  
[origin: WO2008130309A1] A rotogravure printing apparatus (1, 20) comprising an unwinder (5), at least four printing units (3) each having a printing cylinder (8), a continuous paper web path (9) and a folding device (2, 21). The apparatus is a "Double Ender" rotogravure printing apparatus (1, 20) having two special parts (25), which extends substantially parallel to each other, each printing unit (3, 24a, 24) extending each over a portion of said printing part (25a, b) of said web path (25), each part is provided to print on laterally different sides of each printing cylinder. The cylinder (8) is engraved by means of at least one direct laser engraving device (Direct Engraving laser), i.e., a device which produces at least two rotogravure printing cylinders per hour.

IPC 8 full level  
**B41F 9/02** (2006.01); **B23K 26/00** (2006.01); **B41C 1/05** (2006.01); **B41C 1/10** (2006.01); **B41F 9/00** (2006.01); **B41F 13/11** (2006.01)

CPC (source: EP SE)  
**B41F 9/007** (2013.01 - EP); **B41F 9/023** (2013.01 - SE); **B41F 13/11** (2013.01 - EP); **B41C 1/05** (2013.01 - EP)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2008130309 A1 20081030**; EP 2139682 A1 20100106; EP 2139682 A4 20100908; EP 2139682 B1 20120613; SE 0700985 L 20081024; SE 531975 C2 20090922

DOCDB simple family (application)  
**SE 2008050349 W 20080327**; EP 08724295 A 20080327; SE 0700985 A 20070423