Title (en)

ATTACHMENT MECHANISM FOR ATTACHING A PRINTING PLATE TO A PLATE CYLINDER FOR A FLEXOGRAPHIC PRINTING PROCESS AND METHOD OF USING THE MECHANISM

Title (de)

BEFESTIGUNGSMECHANISMUS ZUR BEFESTIGUNG EINER DRUCKPLATTE AN EINEN PLATTENZYLINDER FÜR EIN FLEXODRUCKVERFAHREN UND VERFAHREN ZUR VERWENDUNG DES MECHANISMUS

Title (fr)

MÉCANISME DE FIXATION D'UNE PLAQUE D'IMPRESSION SUR UN CYLINDRE DE PLAQUE POUR UN PROCÉDÉ D'IMPRESSION FLEXOGRAPHIQUE ET PROCÉDÉ D'UTILISATION DU MÉCANISME

Publication

EP 3785914 A1 20210303 (EN)

Application

EP 19194638 A 20190830

Priority

EP 19194638 A 20190830

Abstract (en)

The present disclosure relates to a method of attaching a printing plate to a plate cylinder for a flexographic printing process comprising the steps of: a) laying the printing plate (4) onto the plate cylinder (6) so that the printing plate surrounds the plate cylinder, and so that two opposite edges (10) of the printing plate are arranged parallel to the plate cylinder's longitudinal axis (28); and b) clamping the two edges to an outer surface (12) of the plate cylinder by means of a clamping mechanism (2) comprising at least one clamp (8), each clamp having an attachment means (14) adapted to detachably attach the clamp to the plate cylinder. The present disclosure further relates to a clamp (8) for attaching a printing plate (4) to a plate cylinder (6) for a flexographic printing process, the clamp having an attachment means (14) adapted to detachably attach the clamp to the plate cylinder.

IPC 8 full level

B41F 27/12 (2006.01)

CPC (source: EP)

B41F 27/1268 (2013.01); B41P 2200/12 (2013.01)

Citation (applicant)

WO 9519267 A1 19950720 - J M J HOUTSTRA HOLDING B V [NL], et al

Citation (search report)

- [XI] DE 19834068 C1 20000224 - ENDLOSSCHIFFER MICHAEL SCHIFFE [DE]
- [XI] EP 1350621 A2 20031008 - GRUPO BASGRA MAQUINARIA CERAMI [ES]

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)

EP 3785914 A1 20210303

DOCDB simple family (application)

EP 19194638 A 20190830