

Title (en)

Improved keyless printing system for keyless lithographic printing.

Title (de)

Verbessertes Drucksystem ohne Farbmesser zum lithographischen Drucken ohne Farbmesser.

Title (fr)

Système amélioré d'impression sans clés pour l'impression lithographique sans clés d'encrage.

Publication

EP 0476328 A1 19920325 (EN)

Application

EP 91113910 A 19910820

Priority

US 57654990 A 19900831

Abstract (en)

In a keyless lithographic printing press having blanket cylinder (10) and plate cylinder (15) with printing plate mounted thereon, an improved keyless printing system, having: a system (14) for supplying dampening water to the plate cylinder (15); at least one form roller (16) in rotational contact with the plate cylinder (15); inking drum (11) in rotational contact with the form roller (16); at least first and second transfer rollers (13, 17) in rotational contact with the inking drum (11); metering roller (20) having at least an oleophilic and hydrophobic surface which retains a quantity of printing fluid, the metering roller (20) being in rotational contact with the first and second transfer rollers (13, 17); and a system (30) for supplying printing fluid to the metering roller (20). <IMAGE>

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B41F 31/00; B41F 31/06

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [YD] US 4690055 A 19870901 - FADNER THOMAS A [US], et al
- [Y] EP 0309681 A2 19890405 - ROCKWELL INTERNATIONAL CORP [US]
- [Y] CH 362094 A 19620531 - HOE & CO R [US]
- [A] US 1962011 A 19340605 - GINSBERG CHARLES W
- [A] EP 0098514 A2 19840118 - KOENIG & BAUER AG [DE]
- [Y] NOUVELLES GRAPHIQUES. vol. 40, no. 9, May 1990, ANVERS BE pages 16 - 17; 'L'Offset Civilox de Crabtree Vickers'

Cited by

EP3693167A1; DE4340128A1; WO2007099148A3; WO2007102136A3; WO9824629A1; EP2110181B1

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