

Title (en)
Printing unit for waterless offset printing.

Title (de)
Druckwerk für wasserlosen Offsetdruck.

Title (fr)
Unité d'impression pour impression offset sans eau de mouillage.

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Application
EP 94117057 A 19941028

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Abstract (en)
The invention relates to a printing unit for waterless offset printing. The dynamics of the printing unit are to be improved and the build-up of printing ink on the rubber blanket is to be avoided. For this purpose, the form cylinder (5, 6, 43, 71) bears a sleeve-like printing form (67) and/or the transfer cylinder (3, 4, 72) bears a sleeve-like transfer form, and the printing and transfer form (67) can be slid onto or off the respective cylinder. <IMAGE>

Abstract (de)
Die Erfindung betrifft ein Druckwerk für wasserlosen Offsetdruck. Es soll die Dynamik des Druckwerkes verbessert sowie das Aufbauen der Druckfarbe auf dem Gummituch vermieden werden. Hierzu trägt der Formzylinder (5, 6, 43, 71) eine hülsenförmige Druckform (67) und/oder der Übertragungszylinder (3, 4, 72) eine hülsenförmige Übertragungsform und ist die Druck- und Übertragungsform (67) auf den oder von dem jeweiligen Zylinder schiebbar. <IMAGE>

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Citation (search report)
• [YD] DE 4202544 A1 19930805 - BALDWIN GEGENHEIMER GMBH [DE]
• [Y] EP 0225509 A2 19870616 - TECHNOPRINT GMBH [DE]
• [A] EP 0386316 A1 19900912 - LANDIS & GYR BETRIEBS AG [CH]
• [A] GB 2207636 A 19890208 - KUROSAWA SEIICHI
• [A] EP 0048230 A2 19820324 - LUMALAMPAN AB [SE]
• [A] EP 0366395 A2 19900502 - LAVALLEY IND INC [US]

Cited by
DE102011076336A1; WO2004000557A1; EP1681160A1; EP1688253A1; EP2011645A2; DE10157270B4; DE10250688B4; DE102009045922B4; FR2740726A1; US5881643A; DE10218359A1; DE10218359B4; DE10250691B4; EP1295719A3; DE10250689B3; EP0697284A3; DE102004044215B4; DE10157271A1; DE10228242A1; DE10228242B4; EP2014464A1; FR2918600A1; EP1452311A3; CN113715493A; DE10250690B4; EP2527148A3; EP1270219A1; FR2826314A1; CN114571839A; EP1815984A3; EP1681162A3; DE102011082001B4; US6983696B2; WO0132423A1; WO0126903A1; DE102010002860A1; WO2011113619A1; US7392742B2; WO2011047893A1; DE102009045922A1; EP2335927A2; US6688223B1; EP1295719A2; US6810800B1; US6868782B2; WO2006072559A1; WO2006072558A1; DE202005021656U1; US8272324B2; US7523706B2; WO2010029023A1; DE102008042090A1; WO2005115758A1; US7421948B2; EP1574334A2; US7717039B2; EP1600290A1; EP1609599A2; US7004070B2; US7021215B2; EP1681161A1; EP1681162A2; US7089855B2; US7143695B2; EP1815984A2; US7261034B2; US7409910B2; WO03045695A1; US6571711B1; DE102011082001A1

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