

Title (en)
DEVICE AND METHOD FOR PRINTING ONTO A CURVED SUBSTRATE

Title (de)
VORRICHTUNG UND VERFAHREN ZUM BEDRUCKEN EINES BOGENFÖRMIGEN SUBSTRATS

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR IMPRIMER UN SUBSTRAT EN FORME DE FEUILLE

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Application
EP 17788237 A 20171025

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Abstract (en)
[origin: WO2018077927A1] The invention relates to a device (1) for printing onto a curved substrate (2), wherein the device comprises at least one printing module (3-5), at least one first deflection roller (6) to transport the substrate and at least one feed device, wherein the substrate (2) can be fed to the first deflection roller (6) by means of the feed device, wherein the at least one printing module (3-5) is arranged in such a manner that a first side of the substrate (2) can be printed onto in a portion of the substrate (2), which portion lies against the deflection roller (6) or is arranged in a feed portion; and a method for printing onto a curved substrate.

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Citation (examination)
• JP 2008100458 A 20080501 - SEIKO EPSON CORP
• JP 2012196832 A 20121018 - OLYMPUS CORP
• JP 2010179583 A 20100819 - SEIKO EPSON CORP
• EP 1607234 A1 20051221 - KBA GIORI SA [CH]
• EP 2067628 A1 20090610 - SEIKO EPSON CORP [JP]
• GB 2455923 A 20090701 - DUPLO SEIKO CORP [JP]
• US 2011205321 A1 20110825 - KOBAYASHI MASARU [JP], et al

Cited by
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