

Title (en)

METHOD AND APPARATUS OF DECORATING A METALLIC CONTAINER BY DIGITAL PRINTING TO A TRANSFER BLANKET

Title (de)

VERFAHREN UND VORRICHTUNG ZUM DEKORIEREN EINES METALLISCHEN BEHÄLTERS DURCH DIGITALDRUCK AUF EIN TRANSFERTUCH

Title (fr)

PROCÉDÉ ET APPAREIL DE DÉCORATION D'UN RÉCIPIENT MÉTALLIQUE PAR IMPRESSION NUMÉRIQUE SUR BLANCHET DE TRANSFERT

Publication

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Application

EP 19750534 A 20190208

Priority

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Abstract (en)

[origin: WO2019157346A2] Apparatus and methods are provided for decorating a metallic container with an image or indicia on a predetermined portion of an outer surface of a container body. The decorator includes at least one digital print unit, a transfer blanket, and a support element. The digital print unit transfers a decorating material to the transfer blanket to form a decoration on the transfer blanket. The support element then moves a metallic container into contact with the transfer blanket to transfer the decorating material to an exterior surface portion of the metallic container to decorate the metallic container. In one embodiment, the digital print unit is an electrophotographic system which transfers a toner material to the transfer blanket. In another embodiment, the digital print unit includes an inkjet print head which transfers an ink to the transfer blanket. Optionally, the decorator can include two or more support elements.

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Citation (search report)

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- [A] US 5774774 A 19980630 - TAMURA YOSHIHIRO [JP], et al
- See also references of WO 2019157346A2

Designated contracting state (EPC)

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