JOURNAL OF PRINTING SCIENCE AND TECHNOLOGY
The Japanese Society of Printing Science and Technology

TOP > **Available Issues** > **Table of Contents** > Abstract

[PDF (714K)] [References]

Development of Authentication Machine for Security Prints

Akihiro URAOKA[1] and Kiyoshi KITANO[1]

1) Research Institute, National Printing Bureau

Abstract

In recent years the number of counterfeit crime of the security prints and illegal entry into a country has increased steadily. Therefore, it is highly demanded that the new counterfeit deterrent technologies should be incorporated into the security prints and documents like passports, and regularly renewed to prevent counterfeiting and falsifying. As for the certification of the security prints and documents, it is effective for the customers to be able to authenticate them easily with a machine, and it is more effective to supply not only the security prints but also a machine to authenticate them to the market at the same time. Then, we have developed the authentication machine for the security prints and documents. This machine is especially available for ImageSwitch, which was developed by the National Printing Bureau. In this experiment it is confirmed that this machine has the ability enough to authenticate various security prints and documents. In this report we also explain various authentication systems and the future possibility of using mobile phone in the systems.

[PDF (714K)] [References]

Download Meta of Article[Help]

RIS

BibTeX

To cite this article:

Akihiro URAOKA and Kiyoshi KITANO, Journal of Printing Science and Technology, **42**, 364 (2005) .

JOI JST.JSTAGE/nig/42.364

Japan Science and Technology Information Aggregator, Electronic