



# **INFRAREDESIGN**

*Patent protected: P20080466A, EP 2 165 844 A2*

An IR graphic cannot be scanned, therefore it cannot be reproduced in such a manner that the identical IR information is maintained. Only standard printing inks are used in **INFRAREDESIGN** CMYKIR separation. Thus infrared security protection is introduced in printing all graphic products without enhancing production costs. Instrumental checking of IR graphics presence is carried out with IR cameras and scanners with the possibility of selective wavelength definitions in the near IR range.



## **Industrial applications**

Security infrared printing with process colors is meant for creating graphic product protection in the overall assortment: from books, newspapers, documents and securities. Application is on all graphic products, securities, documents, printed matter and packaging material. Infrared design can be used on paper, textiles, plastic products, works of art protection, packaging in a pharmaceutical industry, product declarations, textiles and leather security, tickets, post stamps, colored barcode, including brand protection.

***INVENTION SHOW GOLD MEDALS:  
LONDON 09, GENEVE 09, CARDIFF-GWIIN 09,  
ARCHIMEDES 09, MTE 10***

