The Study on Exchange Platform of Network Manufacturing Products Based on Digital Watermarking Techniques and Fair Exchange Protocol

Zude Zhou[1], Zhiyang Wang[1], Quan Liu[2]
[1]School of Electron-mechanical Engineering, Wuhan University of Technology
[2]School of Informational Engineering, Wuhan University of Technology
Wuhan, Hubei, China
[1] zudezhou@mail.whut.edu.cn   **Tel:** 027-87651445
[1] wzhiyang.student@sina.com   **Tel:** 13554241021
[2] qliu@public.wh.hb.cn   **Tel:** 13908659571

ABSTRACT

An exchange Platform of network manufacturing products is presented on the basis of study of digital watermarking techniques and fair exchange protocol. Many safety measures are adopted in the platform on copyright, fair exchanges, safety of data transmission, access control and thereby it can better meet the need of network manufacturing products.

Keywords : Digital Watermarking; Fair Exchange; Electronic Commerce; Network Safety; PKI