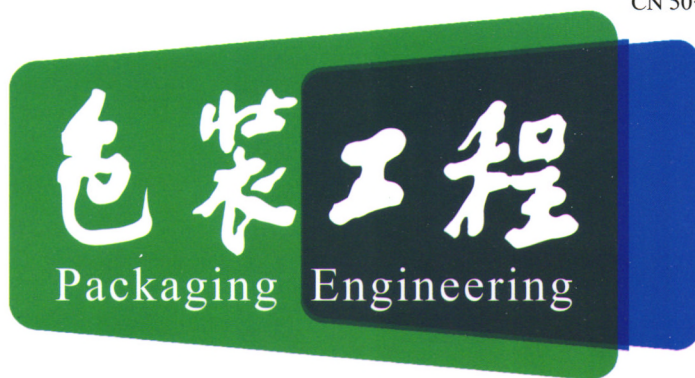


全国中文核心期刊
中国科学引文数据库 (CSCD) 源刊

2015年4月 第36卷 第7期

主办单位: 中国兵器工业第五九研究所



包装工程

BAOZHUANG GONGCHENG

第36卷 第7期 2015年4月10日

目次

包装技术与工程

油墨中乙二醇醚类物质检测

吕刚,李晶,张彬,曹丽静 1

食品包装安全研究

复合高阻隔片材应用于巴氏杀菌酸奶包装的研究

刘向红,张薇蓉 5

丁香精油食品抗菌包装材料的制备及性能研究

程欣,余平,王淑娟,唐亚丽,卢立新,方艳 11

技术专论

蜂窝铝的面内动态冲击有限元研究

欧阳昊,成伟 16

低温对聚乙烯发泡材料动态缓冲性能的影响

杨帅,康勇刚,齐菲 21

小麦秸秆缓冲包装材料的力学性能研究

张秀梅,徐伟民,张衡 26

基于ANSYS的卷膜建模及动力学仿真研究

李祖吉,宋少云 31

高温水热处理对刨花制板性能的影响

高晨超,张洋,王超 36

新型旋转式分盖装置的设计与分析

江山,何卫锋,利建华 40

高低瓦楞纸板夹芯成形装置的开发设计

潘光华,柏子游,王冬梅 44

金属成型加工机械执行机构的仿真与动力学分析

席晓燕 48

龙门式码垛机防爆控制系统设计与实现

李红果,石卓栋,古田,屠凤莲 53

基于视觉寻口的旋盖压盖一体机设计

徐国宝,杨红亮,石卓栋,徐志刚 57

薄膜脉冲式热封压头张紧机构设计与研究

陈诚,曹恒,曾繁俊,何立冬 61

| | | |
|---------------------------|---------------------|-----|
| 基于离散单元法的砂轮磨料粉体流动性研究 | 陈伟,唐火红,骆敏舟,孙明迁 | 67 |
| 应急物资筹集点动态保障能力评估研究 | 张英慧,汪贻生 | 71 |
| 基于多元图像特征分析的印刷单元故障诊断方法 | 徐卓飞,张海燕,宋希龙,翟一红,吴欣阳 | 78 |
| 逆向学习耦合多属性查询的图像排序/检索优化算法研究 | 杨叶芬,曾东海,刘海,段班祥 | 84 |
| 一种基于QR码的彩色图像数字水印 | 李毓彬,孙刘杰,包观笑 | 91 |
| 2D非调和分析耦合扩散张量的图像修复算法 | 田祎,刘爱军 | 96 |
| 基于人工神经网络的光谱反射率重建 | 付婉莹,刘东 | 103 |
| 高动态范围图像分层阶调映射改进算法 | 王琪,位春傲,谢德红,李蕊 | 108 |
| 基于FDTD的光栅结构模型设计 | 高敬敬,陈永利,黄倩,张晓庆 | 113 |
| 基于TV-泊松奇异积分联合先验模型的图像重构 | 从继成,曾步衢 | 116 |
| 不同环境下移动终端显示色光谱特性研究 | 丁桂芝,王晓红 | 123 |
| 印刷套准识别方法研究 | 简川霞,高健,李克天,敖银辉 | 129 |
| 柔印网纹辊油墨转移特性研究 | 陈家祥,唐正宁,王莎莎,缪斌鹰 | 134 |
| 基于软包装铝箔凹印工艺差异化分析研究 | 雷沪 | 138 |
| EHD喷印技术相关参数数值分析 | 王莎莎,唐正宁,缪斌鹰,陈家祥 | 145 |

论坛与资讯

| | | |
|----------------|----------------|-----|
| 对军用包装机械建设发展的思考 | 罗少锋,刘振华,闫济军,董超 | 149 |
|----------------|----------------|-----|

广告索引

| | |
|----|------------------------|
| 封二 | 普拉斯包装材料有限公司 |
| 封三 | 中国兵器工业第五九研究所包装工程技术研究中心 |
| 插页 | |
| A1 | 济南兰光机电技术有限公司 |
| A2 | 国防科技工业自然环境试验研究中心 |
| A3 | 第十二届广州国际纸业展览会 |
| A4 | 装备环境工程杂志 |

PACKAGING ENGINEERING

(Initial Issue 1980) (Semimonthly)

Vol.36 No.7(Total No.301)Apr.10, 2015

Contents

Packaging Technology and Engineering

Determination of Glycol Ethers and Their Esters in Inks

LYU Gang, LI Jing, ZHANG Bin, et al. 1

Safety Research of Food Packaging

Application of High-barrier Composite Sheet in Pasteurized Yoghurt Packaging

LIU Xiang-hong, ZHANG Wei-rong 5

Preparation and Performance Studies of Clove Essential Oil Antimicrobial Packaging Materials

CHENG Xin, YU Ping, WANG Shu-juan, et al. 11

Technical Issue

In-plane Dynamic Impact Behavior of Aluminum Honeycombs Based on Finite Element Simulation

OUYANG Hao, CHENG Wei 16

Effect of Low Temperature upon Dynamic Cushioning Properties of EPE Foam Material

YANG Shuai, KANG Yong-gang, QI Fei 21

Mechanical Properties of Wheat Straw Cushioning Packaging Material

ZHANG Xiu-mei, XU Wei-min, ZHANG Heng 26

Modeling and Dynamic Simulation of Roll Film Based on ANSYS

LI Zu-ji, SONG Shao-yun 31

Effect of High-temperature Hydrothermal Treatment on Properties of Particle Board

GAO Chen-chao, ZHANG Yang, WANG Chao 36

Design and Analysis of a New Type of Rotary Covers Separation Device

JIANG Shan, HE Wei-feng, LI Jian-hua 40

Development and Design of High-low Corrugated Medium Molding Device

PAN Guang-hua, BAI Zi-you, WANG Dong-mei 44

Simulation and Dynamic Analysis of Metal Forming Machinery Actuator

XI Xiao-yan 48

Design and Implementation of Explosion-proof Control System for Gantry Palletizing Machine

LI Hong-guo, SHI Zhuo-dong, GU Tian, et al. 53

- Design of Cap Screwing–Pressing Machine Based on Visual Positioning
XU Guo–bao, YANG Hong–liang, SHI Zhuo–dong, et al. 57
- Tensioning Mechanism of Thermal Head in Pulse Heat–sealing
CHEN Cheng, CAO Heng, ZENG Fan–jun, et al. 61
- Flow Performance of Grinding Wheel Abrasive Powder Based on Discrete Element Method
CHEN Wei, TANG Huo–hong, LUO Min–zhou, et al. 67
- Evaluation of Dynamic Support Capability of Emergency Materials Raising Point
ZHANG Ying–hui, WANG Yi–sheng 71
- A Fault Diagnosis Method for Printing Unit Based on the Analysis of Multiple Image Feature
XU Zhuo–fei, ZHANG Hai–yan, SONG Xi–long, et al. 78
- Image Synchronization Sorting–retrieval Optimization Algorithm Based on Reverse Learning and Multi–attribute Queries
YANG Ye–fen, ZENG Dong–hai, LIU Hai, et al. 84
- A Novel Color Image Digital Watermarking Algorithm Based on QR Code
LI Yu–bin, SUN Liu–jie, BAO Guan–xiao 91
- Image Inpainting Algorithm Based on 2D Non–harmonic Analysis Mechanism and Diffusion Tensor
TIAN Yi, LIU Ai–jun 96
- Reconstruction of Spectral Reflectance Based on Artificial Neural Networks
FU Wan–ying, LIU Dong 103
- Improved Layered Tone Mapping Algorithm of High Dynamic Range Image
WANG Qi, WEI Chun–ao, XIE De–hong, et al. 108
- Model Design of Grating Structure Based on FDTD
GAO Jing–jing, CHEN Yong–li, HUANG Qian, et al. 113
- Image Reconstruction Algorithm Based on TV–Poisson Singular Integral Joint Priori Model
CONG Ji–cheng, ZENG Bu–qu 116
- Spectral Characteristics of Mobile Terminal Displayed Color under Different Ambient Illuminants
DING Gui–zhi, WANG Xiao–hong 123
- Printing Registration Recognition
JIAN Chuan–xia, GAO Jian, LI Ke–tian, et al. 129
- Ink Transfer Characteristics in the Flexographic Printing Process
CHEN Jia–xiang, TANG Zheng–ning, WANG Sha–sha, et al. 134
- Differentiation of Aluminum Foil Gravure Printing Process Based on the Flexible Packaging
LEI Hu 138
- Numerical Analysis of the Relevant Parameters in EHD Micro–jet Printing
WANG Sha–sha, TANG Zheng–ning, MIAO Bin–ying, et al. 145

Forum and Information

- Consideration on Construction and Development of Military Packaging Machinery
LUO Shao–feng, LIU Zhen–hua, YAN Ji–jun, et al. 149

包装工程

Packaging Engineering

全国中文核心期刊
中国科学引文数据库 (CSCD) 源刊

主办单位：中国兵器工业第五九研究所

ISSN 1001-3563

CN 50-1094/TB

定价：45.00元

邮发代号：78-30

国外发行号：BM1799

广告经营许可证：渝工商广字040297号

ISSN 1001-3563

