

TABLE OF CONTENTS**目 录**

一种基于原机装置的烟包外观视觉检测器的设计

A Design of a Visual Detector for Cigarette Pack Appearance Based on the Original Device

陈忻, 李晓园, 吴恒文, 曹斌, 魏明 95

基于 ANSYS Fluent 的电热毛巾架温度场仿真分析与结构优化设计

Temperature Field Simulation Analysis and Structural Optimization Design of Electric Towel Rack Based on ANSYS Fluent

苏阔, 马安帮, 郑永基, 冯继东, 李同杰 104

液压扭矩大钳转矩及管长检测装置

Development of Measuring Device for Torque and Pipe Length of Hydraulic Torque Tongs

戴刚, 胡绪山, 石国亮, 张斌, 梁军, 刘凯 112

GDX500 包装机内衬加速轮改造

Improvement of GDX500 Packaging Machine Lining Acceleration Wheel

夏希陶, 普通, 魏明, 吴恒文, 曹斌 120

新型应变式三向力传感器的标定和验证

The Calibration and Verification of the New Three-Directional Strain Gauge Force Transducer

颜钰琳, 王臻 127

折叠式连体烟包的包装装置的设计

Design of the Packaging Device for Foldable One-Piece Cigarette Packs

蒋红祥, 朱柏橙, 吴恒文, 曹斌, 魏明 135

改进水管倾斜仪、洞体应变仪的布设结构获取大地形变真实信息

Improving the Layout Structure of Water Pipe Tiltmeter and Tunnel Strain Gauge to Obtaining Realistic Information of Large Terrain Transformation

李嘉昕, 任忠, 邱雪辉, 范雷彪 140

液压油品实时检测系统研究

Research on the Real-Time Detection System of Hydraulic Oil Products

刘姣, 吕玉祥 146

基于有源功率解耦的小电容 PFC 变换器

Small Capacitance PFC Converter Based on Active Power Decoupling

蒋瑞科, 陈尚豪, 周万彬 154

GDH1000 盒片叠开卷故障分析与处理

Analysis and Treatment of GDH1000 Box Unwinding Fault

李泓呈, 普通, 魏明, 曹斌, 吴恒文 163

基于便携式 GNSS 接收机的“国土调查云”外置定位增强设备选型研究

Research on the Selection of External Positioning Enhancement Devices for “National Survey Cloud” Based on Portable GNSS Receivers

杨凯, 熊先才, 黄凯.....170

GDX1 铝箔纸传动轴油封故障分析与处理

Analysis and Treatment of Transmission Shaft Oil Leakage Failure of GDX1 Liner Conveying Assembly

朱柏橙, 蒋红祥, 曹斌, 魏明, 吴恒文.....177