



Development of new UV laser for customization at industrial level through high quality marking on different materials (UV-Marking)

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Coordinator:	BSH ELECTRODOMÉSTICOS ESPAÑA S.A. Mr. Andrés Escartín Andres.Escartin@bshg.com Tel. +34 976 10 27 16
Partners:	ROFIN SINAR LASER GMBH (Germany) WIRTHWEIN AG (Germany) ILVA GLASS SPA (Italy) TORRECID SA (Spain) UNIVERSIDAD DE ZARAGOZA (Spain) U-MARQ LIMITED (United Kingdom) DATALASE LDT (United Kingdom)
Website:	www.uv-marking.eu
Duration:	01/07/2012 – 30/06/2015

Introduction

Purpose

The use of UV-laser for marking applications at industrial level would have many advantages against current techniques (like pad printing or inkjet printing) in terms of quality, precision, flexibility of the process, environment, etc. Taking this into account, all partners are very interested in a broad dissemination of the project results. The UV-Marking consortium as a whole and all its partners individually, are committed to maximising the potential impact of the project in terms of its dissemination.

In this context, this second Press Release has been prepared, consisting of a standard text with basic information about the project and its progress. It also includes the link to the project website, which is a very important tool for dissemination purposes, containing updated information about the project. The aim of the press release is to maximize the project visibility, and therefore it has been circulated among all consortium partners encouraging them to distribute it as much as they can (among local/regional/national press, including it in their respective websites, etc.). Each partner shall also use its own dissemination network to further publicize the project and thus ensure maximum impact on national, regional and European level.

Especially for local/regional means (like Web, local newspapers, participation in congress, technical exhibitions, etc.), each partner is able to complete this standard text including their own information about their particular collaboration and expertise area on the project.

Relation to other project documents

This document is part of the deliverables of work package 08.

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Project co-financed by the European Union under the 7th Framework Programme for Research and Technological Development

The UV-Marking project was launched in October 2012 with the **main objective** of developing a **new laser system in the ultraviolet wavelength** used for **high quality aesthetical marking in different materials** (glass-ceramic, ceramic and plastics).

With the support of key worldwide companies and academic partners working in close cooperation, UV-Marking project has a large reach network and strong exposure to relevant players and markets. It covers the whole value chain of UV-laser marking with high level experienced entities. The consortium gather the principal industrial actors involved in marking: final user (BSH), laser developer (ROFIN), material and additives developers (ILVA, TORRECID, WIRTHWEIN, DATALASE), research centres expert on both material and laser giving scientific knowledge of the laser-marking process (ICMA), and a software developer expert on industrial integration software (U-Marq).

The 3-year UV-Marking project has already covered 2 years of works. Very significant advances have been accomplished during these years, such as the completion of the first UV-laser lab setup, cycle time reduction, color improvement on glass-ceramic, or development of a colour pigment technology for plastic marking. According to this, the consortium is fully committed with the success of the project.

Mentioned success will provide UV-laser advantages for aesthetic marking into production of European key industries, by improving both materials and UV laser systems. The project results will introduce high flexibility as it will be possible to mark at the end of a process. This will reduce stock levels (of similar pieces only with aesthetic differences), increase marking options for customization, reduce time to market of new and modified products, improve quality, delivery time, etc.

For more information and contact please visit project web site: www.uv-marking.eu