

Title (en)  
Luminous plastic display

Title (de)  
Leuchtende Kunststoffanzeige

Title (fr)  
Dispositif lumineux d'affichage en plastique

Publication  
**EP 2278578 A1 20110126 (DE)**

Application  
**EP 10007474 A 20100720**

Priority  
DE 202009010133 U 20090724

Abstract (en)  
The display (1) has a body made of a translucent material i.e. acryl glass, and a refractive structure e.g. letters and/or symbol, is provided on a surface area or in the body. The body is fired at a surface section (2) of the surface area, where light generated by fire in the body is refracted at the structure such that the body is illuminated. A light source e.g. colored LED, is provided at an unfired surface section, and introduces additional light into the body, which is in bar shape. An auxiliary igniter e.g. plastic article, is provided at the surface section.

Abstract (de)  
Die Erfindung betrifft eine leuchtende Kunststoffanzeige, einen Körper (40) aus transluzenten Material, insbesondere Acrylglas, umfassend, wobei auf der Oberfläche oder im Körper des transluzenten Materials eine lichtbrechende Strukturveränderung (41) vorhanden ist, wobei der Körper (40) an mindestens einem Flächenabschnitt der Oberfläche brennt und im Körper laufendes, vom Feuer erzeugtes Licht an der lichtbrechenden Strukturveränderung derart gebrochen wird, dass diese dadurch beleuchtet ist.

IPC 8 full level  
**G09F 23/04** (2006.01); **G09F 19/12** (2006.01); **G09F 23/06** (2006.01)

CPC (source: EP US)  
**G09F 13/00** (2013.01 - EP); **G09F 19/12** (2013.01 - EP US); **G09F 23/00** (2013.01 - EP US); **G09F 23/04** (2013.01 - EP); **G09F 23/06** (2013.01 - EP)

Citation (search report)  
• [XY] US 2004128879 A1 20040708 - LU CHIA PING [TW]  
• [Y] DE 202006011929 U1 20061005 - MILKOWSKI MARIUSZ [DE]  
• [A] US 3753643 A 19730821 - GOLDEN E

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
BA ME RS

DOCDB simple family (publication)  
**DE 202009010133 U1 20091022**; EP 2278578 A1 20110126; EP 2278578 B1 20120620

DOCDB simple family (application)  
**DE 202009010133 U 20090724**; EP 10007474 A 20100720