

Title (en)
LIGHT EXHIBITING DEVICE

Title (de)
LEUCHTANZEIGEVORRICHTUNG

Title (fr)
DISPOSITIF D'AFFICHAGE LUMINEUX

Publication
EP 0734565 A1 19961002 (EN)

Application
EP 95900314 A 19941105

Priority
• KR 9400158 W 19941105
• KR 930028005 A 19931216

Abstract (en)
[origin: WO9516983A1] A light exhibiting device capable of producing figures and letters of various shapes to a light synthesized color by a light reflection. The invention comprises: piled members (2) formed by piling a plurality of transparent plastic plates (1) of board shape; light reflecting portions (3) formed by engraving letters or figures on rear portion of the transparent plastic plate (1); coating layers (4) formed by coating polymer material being bigger in refraction rate than the plastic plate (1) on to surface of the plastic plate (1); colored portions (10) which are selectively applied with paint passing through only particularly colored light to all directions of side surface of each plastic plate (1) forming the piled members (2); supporting frames (6) for fixing by receiving the piled members (2); a plurality of partitioning walls (7) integrally formed to the supporting frame (6) which are interposed between the supporting frame (6) and the piled members (2) so that each independent chamber (8) is partitioned; illuminating lamps (5) which are provided by at least one at each chamber (8) partitioned by the partitioning walls (7), and that a portion confronting to side surface of the piled member (2) includes a condensing lens (9); and an illumination control device (15) for controlling a brightness and lighting-on order of the illuminating lamps (5) provided in each chamber (8); so that advertising effect is obtained by making the letters or figures to be changed from moment to moment by light synthesized color only by the lighting-on control (15) of the illuminating lamps (5).

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Citation (search report)
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