

Title (en)
TRACING DEVICE

Title (de)
VORRICHTUNG ZUM NACHZEICHNEN

Title (fr)
DISPOSITIF DE TRAÇAGE

Publication
EP 4253079 A1 20231004 (EN)

Application
EP 22166076 A 20220331

Priority
EP 22166076 A 20220331

Abstract (en)
The present disclosure relates to a system comprising a pin screen comprising a plurality of movable pins comprising a magnet. Further, the system comprises a drawing substrate configured to change color based on a magnetic force. The drawing substrate comprises a base layer comprising a plurality of pedestals, an intermediate layer comprising ferromagnetic particles and a cover layer, wherein the intermediate layer is disposed between the base layer and the cover layer.

IPC 8 full level
B43L 13/00 (2006.01); **A63H 33/26** (2006.01); **B44B 11/00** (2006.01); **G06K 11/00** (2006.01)

CPC (source: EP)
A63H 33/26 (2013.01); **B43L 13/007** (2013.01)

Citation (applicant)
ZHIREN LUOBENJAMIN AARON EVANSCHIH-HAO CHANG: "Magnetically Actuated Dynamic Iridescence Inspired by the Neon Tetra", ACS NANO, vol. 13, no. 4, 2019, pages 4657 - 4666

Citation (search report)
• [Y] WO 2013091072 A1 20130627 - MARTINEAU PASCAL [CA]
• [Y] US 2003218600 A1 20031127 - NIHIRA YOSHITO [JP], et al

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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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KH MA MD TN

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