Title (en)
LED illuminated furniture board

Title (de)
Mit LED beleuchtetes Möbelelement

Title (fr)
Elément de meuble illuminé avec LED

Publication
EP 2463115 A1 20120613 (EN)

Application
EP 11466005 A 20110309

Priority
CZ 201023582 U 20101207

Abstract (en)
LED illuminated furniture board composed from massive solid support plate 1 , LED lighting diods 2 , 4 and cover plate 5 . Massive support plate is made firm composite wood, fibreboard, laminated chipboard, solid wood or glass. Cover plate is made from transparent or semi-transparent material. The front and rear plate surfaces are smooth. Solid supporting plate is provided with hinges 6 for installation as a furniture door or hinges 7 for independent instalation on the wall. The grooves or chambers milled from one side of the support plate to a depth less than the thickness of support plate are used for the placement of LED strips or independent LEDs. The channels milled from the same side of the support plate to a depth less than the thickness of board are used for storage of cables to massive supporting plate. Universal LED illuminated furniture board is designed for use in the furniture industry.

IPC 8 full level
B44C 5/00 (2006.01); **B44C 5/04** (2006.01); **B44F 1/06** (2006.01)

CPC (source: EP US)
A47B 96/20 (2013.01 - EP); **B44C 5/005** (2013.01 - EP); **B44C 5/04** (2013.01 - EP US); **B44F 1/06** (2013.01 - EP); **E04F 19/08** (2013.01 - EP); **F21V 33/0012** (2013.01 - EP); A47B 2220/0077 (2013.01 - EP); F21W 2131/301 (2013.01 - EP); F21Y 2115/10 (2016.07 - EP US)

Citation (search report)
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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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DOCDB simple family (application)
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