

Title (en)
MULTIFUNCTIONAL SUPPLY ELEMENT

Title (de)
MEHRFUNKTIONALES VERSORGUNGSELEMENT

Title (fr)
ÉLÉMENT DE DIFFUSION MULTIFONCTION

Publication
EP 2368404 A1 20110928 (DE)

Application
EP 09804258 A 20091120

Priority
• EP 2009065591 W 20091120
• DE 202008013788 U 20081120
• DE 202009011006 U 20090915

Abstract (en)
[origin: WO2010058000A1] The invention relates to a multifunctional supply element comprising various functional elements for emitting heat, light beams or audio or video information. The known supply elements comprise thermal radiators and lighting elements that are disposed in separate housings or in a common housing. To increase the attractiveness and flexibility, the invention proposes that, first of all, other types of functional elements, such as water spray elements, loudspeakers, and display devices be connected to the support of the supply element rigidly or rotatably and secondly, that the individual functional elements be fed from a universal bus system so that any of the functionalities can be connected to the respective connections.

IPC 8 full level
H05B 3/00 (2006.01); **F21V 33/00** (2006.01)

CPC (source: EP KR US)
F21V 33/00 (2013.01 - KR); **F21V 33/006** (2013.01 - EP US); **F21V 33/0088** (2013.01 - EP US); **F24C 7/043** (2013.01 - EP US);
H05B 3/008 (2013.01 - EP US); **H05B 3/02** (2013.01 - KR)

Citation (search report)
See references of WO 2010058000A1

Designated contracting state (EPC)
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

DOCDB simple family (publication)
WO 2010058000 A1 20100527; AU 2009317226 A1 20100527; AU 2009317226 B2 20140116; BR PI0916087 A2 20151110;
CA 2743663 A1 20100527; CN 102273314 A 20111207; CN 102273314 B 20151202; DE 112009000288 A5 20101230;
DE 202009011006 U1 20101028; DE 212009000039 U1 20101125; DK 2368404 T3 20180507; EP 2368404 A1 20110928;
EP 2368404 B1 20180117; ES 2666231 T3 20180503; HK 1164622 A1 20120921; HR P20180605 T1 20180615; JP 2012509561 A 20120419;
JP 5574125 B2 20140820; KR 20110088584 A 20110803; MX 2011005305 A 20110915; NZ 592947 A 20140131; PL 2368404 T3 20180629;
PT 2368404 T 20180423; RU 2011124168 A 20121227; RU 2549269 C2 20150427; US 2011260031 A1 20111027; ZA 201104448 B 20121128

DOCDB simple family (application)
EP 2009065591 W 20091120; AU 2009317226 A 20091120; BR PI0916087 A 20091120; CA 2743663 A 20091120;
CN 200980154212 A 20091120; DE 112009000288 T 20091120; DE 202009011006 U 20090915; DE 212009000039 U 20091120;
DK 09804258 T 20091120; EP 09804258 A 20091120; ES 09804258 T 20091120; HK 12104637 A 20120511; HR P20180605 T 20180417;
JP 2011536883 A 20091120; KR 20117014243 A 20091120; MX 2011005305 A 20091120; NZ 59294709 A 20091120; PL 09804258 T 20091120;
PT 09804258 T 20091120; RU 2011124168 A 20091120; US 200913129850 A 20091120; ZA 201104448 A 20110615