

Title (en)
Planar metal element and profile element

Title (de)
Flächiges Metallelement und Profilelement

Title (fr)
Élément métallique plat et élément profilé

Publication
EP 1724409 A1 20061122 (DE)

Application
EP 06017468 A 20031125

Priority
• EP 03767654 A 20031125
• DE 10259307 A 20021218

Abstract (en)
The flat metal element has a center area (28) comprising at least two sections (29,30) each consisting of two outer lying sub-sections (31,33,34,36) with a center sub-section (32,35) in between. The outer sub-sections are folded over in relation to the center sub-section to create an opening (22,23). The two sections of the center area form a part of the edge of the opening. The center area, inclusive of the two sections, is formed in one piece with edge areas (26,27) of the metal element. An independent claim is included for a use for the metal element which, among other things, may be for a profiled element, especially as a corner or support section, protective screen, fence section, filter mat or noise protection element.

IPC 8 full level
E04C 2/42 (2006.01); **E04C 2/08** (2006.01); **E04C 3/08** (2006.01)

CPC (source: EP US)
E04C 2/08 (2013.01 - EP US); **E04C 2/427** (2013.01 - EP US); **E04C 3/083** (2013.01 - EP US); **Y10T 29/496** (2015.01 - EP US); **Y10T 428/12354** (2015.01 - EP US); **Y10T 428/12361** (2015.01 - EP US); **Y10T 428/12368** (2015.01 - EP US)

Citation (applicant)
WO 8606431 A1 19861106 - DONN INC [US]

Citation (search report)
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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

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LT LV MK

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WO 2004055289 A1 20040701; AR 042502 A1 20050622; AT E407270 T1 20080915; AT E409258 T1 20081015; AU 2003292114 A1 20040709; AU 2003292114 B2 20071129; AU 2003292114 C1 20091203; BR 0317562 A 20051122; BR 0317562 B1 20140304; BR 122013027113 B1 20150224; CA 2510755 A1 20040701; CA 2510755 C 20090203; CY 1108622 T1 20140409; CY 1108627 T1 20140409; DE 10259307 A1 20040708; DE 50310453 D1 20081016; DE 50310554 D1 20081106; DK 1573144 T3 20090105; DK 1724409 T3 20090105; EP 1573144 A1 20050914; EP 1573144 B1 20080924; EP 1724409 A1 20061122; EP 1724409 B1 20080903; ES 2314253 T3 20090316; ES 2314799 T3 20090316; HR P20050561 A2 20050831; HR P20050561 B1 20120731; HR P20090399 A2 20091130; HR P20090399 B1 20140131; IL 168923 A 20090922; IL 187854 A0 20080320; IL 187854 A 20090922; ME P54908 A 20110510; MX PA05006705 A 20051123; MY 138545 A 20090630; NZ 540654 A 20080430; PL 215863 B1 20140228; PL 217245 B1 20140630; PL 375846 A1 20051212; PL 401031 A1 20121217; PT 1573144 E 20081118; PT 1724409 E 20081118; RS 20050485 A 20071231; RS 20100507 A 20110430; RS 51503 B 20110430; RS 51803 B 20111231; RU 2005122472 A 20060220; RU 2303685 C2 20070727; SI 1573144 T1 20090430; SI 1724409 T1 20090228; TW 200427907 A 20041216; TW I324205 B 20100501; UA 81645 C2 20080125; US 2006246312 A1 20061102; US 7820302 B2 20101026; ZA 200404654 B 20060426; ZA 200504654 B 20060426

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