

Title (en)
SET WITH AN UNIVERSAL SUSPENSION ELEMENT AND C-PROFILE RAILS

Title (de)
BAUGRUPPE MIT EINEM MEHRZWECK-ABHÄNGER UND C-PROFILSCHIENEN

Title (fr)
ENSEMBLE D'UN MOYEN DE SUSPENSION UNIVERSEL ET DES RAILS PROFILES EN C

Publication
EP 0956405 A1 19991117 (DE)

Application
EP 97951972 A 19971125

Priority
• DE 29622162 U 19961220
• EP 9706573 W 19971125

Abstract (en)
[origin: WO9828505A1] The invention relates to a universal suspension element for profile rails (2) made of sheet-metal, which are open towards the top and have a cross-section in the shape of a C. Said suspension element consists of a single piece of sheet-metal (1) which on both ends has an anchoring section (3) with lateral incisions (4) for receiving the edges (2a) of the C-profile rails (2) pointing towards each other. The two anchoring sections (3) and the centre piece (5) are located substantially on the same plane before the universal suspension element is assembled. The invention provides for a weakness line (6 and 7) at each joint line between the centre piece (5) and the two anchoring sections (3) as well as in the middle of the centre piece (5) between these two joint lines. A series of holes (10) runs from one of the anchoring sections (3) until at least the middle of the centre piece (5). The weakness lines (6, 7) are each formed by two notches (8) made in the opposite edges (1a, 1b) of the piece of sheet-metal (1).

IPC 1-7
E04B 9/18; **E04B 9/16**

IPC 8 full level
E04B 9/18 (2006.01); **E04B 9/16** (2006.01); **E04B 9/20** (2006.01)

CPC (source: EP)
E04B 9/16 (2013.01); **E04B 9/183** (2013.01); **E04B 9/20** (2013.01)

Cited by
AU2016238643B2; GB2525865B; WO2016151286A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU NL SE

DOCDB simple family (publication)
WO 9828505 A1 19980702; AR 010349 A1 20000607; AT E305545 T1 20051015; BR 9707519 A 19990727; DE 29622162 U1 19970424; DE 59712428 D1 20060209; DK 0956405 T3 20060206; EP 0956405 A1 19991117; EP 0956405 B1 20050928; ES 2249806 T3 20060401; RU 2156339 C2 20000920; TR 199802405 T2 19990322

DOCDB simple family (application)
EP 9706573 W 19971125; AR P970105834 A 19971211; AT 97951972 T 19971125; BR 9707519 A 19971125; DE 29622162 U 19961220; DE 59712428 T 19971125; DK 97951972 T 19971125; EP 97951972 A 19971125; ES 97951972 T 19971125; RU 98121686 A 19971125; TR 9802405 T 19971125