

Title (en)
SUITCASE

Publication
EP 0359903 A3 19910227 (DE)

Application
EP 89108243 A 19890508

Priority
DE 3831655 A 19880917

Abstract (en)
[origin: EP0359903A2] Aluminium suitcases or similar suitcases, which consist of several panels and a frame composed of profile elements, serve in many cases for transporting and for storing expensive equipment. In this case, the profile elements of the frame form two outer profiles and two central profiles. The outer profiles and central profiles are connected to each other by perpendicular profile strips. The intention of the invention is to improve the stability of a suitcase of this type. The invention proposes to manufacture the central profiles of uninterrupted and continuous profile strips, these central profiles having a rounded contour in the region of the suitcase edges, inserts being able to avoid weakening of the central profiles in the region of the suitcase edges. Furthermore, the stability can be increased by the fact that the individual profile elements are linked by means of pin connections to connection elements which connect the individual profile elements to one another. Finally, the outer profiles can advantageously be formed from angular profile strips, and the individual elements of the suitcase can be bonded together so that an extremely stable structure is achieved by this means too.

IPC 1-7
A45C 5/02

IPC 8 full level
A45C 5/02 (2006.01)

CPC (source: EP)
A45C 5/02 (2013.01)

Citation (search report)
• [Y] US 4770312 A 19880913 - O JUDY [TW], et al
• [Y] DE 827229 C 19520221 - CARL KUHNE
• [A] FR 2319532 A1 19770225 - INT STANDARD ELECTRIC CORP [US]
• [A] US 1675654 A 19280703 - MAHAR MERTON E
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• [A] THE IRON AGE, Band 184, 17. Dezember 1959, Seite 174; "Adhesive bonds metal container to withstand rough handling"

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