

Title (en)  
Ladder assembly for fire brigade ladders

Title (de)  
Leitersatz für Feuerwehrleitern

Title (fr)  
Assemblage d'échelle pour échelles de pompiers

Publication  
**EP 0900910 A1 19990310 (EN)**

Application  
**EP 98116696 A 19980903**

Priority  
DE 19738886 A 19970905

Abstract (en)  
In a fire brigade ladder with telescopic ladder sections (10,12,14,16,18,20) the bottom booms comprise two separately produced welded-together self-contained hollow rolled profile (56,58). The hollow rolled profiles form the necessary vertical and horizontal outer surfaces for the support of guide rollers and the mounting of the rungs (38,40,42,44,46,48), and also the diagonal struts (24) of the lateral railings. Moreover, the hollow rolled profiles form a guide strip (90) for the next higher ladder section. The hollow rolled profiles (56,58) are so designed that the complete structure formed by welding the hollow rolled profiles has internally diagonally arranged bracing walls for reinforcement. <IMAGE>

IPC 1-7  
**E06C 5/04**; **E06C 1/12**

IPC 8 full level  
**A62C 27/00** (2006.01); **E06C 1/12** (2006.01); **E06C 5/04** (2006.01); **E06C 7/18** (2006.01)

CPC (source: EP)  
**E06C 1/12** (2013.01); **E06C 5/04** (2013.01)

Citation (search report)  
• [DA] DE 3625298 A1 19871029 - IVECO MAGIRUS [DE]  
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**EP 0900910 A1 19990310**; **EP 0900910 B1 20040317**; AT E262110 T1 20040415; DE 19738886 A1 19990311; DE 69822386 D1 20040422; DE 69822386 T2 20050217; ES 2217471 T3 20041101; JP 4011751 B2 20071121; JP H11159269 A 19990615

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