

Title (en)  
A TELESCOPIC LADDER ASSEMBLY

Title (de)  
TELESKOPISCHE LEITERANORDNUNG

Title (fr)  
ENSEMBLE D'ÉCHELLE TÉLESCOPIQUE

Publication  
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Application  
**EP 15188391 A 20080130**

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Abstract (en)  
A telescopically extendable and collapsible ladder assembly having at least three ladder sections with two tubular stile members arranged parallel to each other and interconnected at one end by a ladder rung to form a U-shaped ladder section. The ladder assembly comprises latch mechanisms being associated with actuators for locking the telescopically inserted stile members relative to one another when the ladder sections are extended. Each ladder section includes a connector at each end of a rung, the connector having first and second collar segments with spaced apart opposed ends. A fastener bridges the opposed ends of the collar segments for securely coupling the collar segments around the stile member. The first collar segment extends over an angle of between 120 and 150 degrees with respect to the longitudinal axis of the rung, whereas the second collar segment extends over a complementary angle.

IPC 8 full level  
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CPC (source: EP)  
**E06C 1/125** (2013.01); **E06C 7/086** (2013.01)

Citation (applicant)  
• US 1712942 A 19290514 - SMITH HIRAM K  
• EP 0527766 A1 19930224 - SAFESCAPE LTD [GB]  
• EP 1402143 A1 20040331 - TELESTEPS AB [SE]  
• GB 2263932 A 19930811 - TELESTEPS LIMITED [IE]  
• WO 2004013445 A1 20040212 - CORE DISTRIB INC [US], et al  
• US 5743355 A 19980428 - MCDONNELL CHARLES A [US], et al  
• US 5738186 A 19980414 - JONES RONALD BARRY THOMAS [GB]  
• WO 2007079379 A1 20070712 - CORE DISTRIB INC [US], et al

Citation (search report)  
• [IY] US 2007209875 A1 20070913 - CHEN MUA-MEI [TW]  
• [Y] US 2002056795 A1 20020516 - DAL PRA GIUSEPPE [IT]  
• [Y] US 1712942 A 19290514 - SMITH HIRAM K  
• [Y] EP 1516999 A2 20050323 - TELESTEPS AB [SE]

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