

Title (en)  
An extension ladder assembly.

Title (de)  
Ausziehleiteraufbau.

Title (fr)  
Assemblage d'échelle à coulisse.

Publication  
**EP 0438266 A1 19910724 (EN)**

Application  
**EP 91300285 A 19910115**

Priority  
IE 15190 A 19900115

Abstract (en)  
A ladder assembly (1) having a telescopic ladder (10) of lightweight tubular construction mounted on a trailer chassis (2). The ladder (10) has a bottom ladder section (12) pivotally mounted at one end of the chassis (2) for movement between a raised in-use position and a stored position against the chassis (2). A counter-weight (19) is attached at a lower end (18) of the bottom ladder section (12) to assist pivoting. A top ladder section (13) is slidable on the bottom ladder section (12). The top ladder section (13) has a pair of spaced-apart ladder sides (30) interconnected by rungs (32). A hollow anti-torsion bar (38), preferably of box-section, interconnects the rungs (32) substantially centrally located between the sides (30). A strut framework (50) pivotally connected at an upper end of the bottom ladder section (12) is engagable with strut receivers (56) at a front end of the chassis (2) to support the bottom ladder section (12) in the raised position. A bracing member (70) extends between the strut framework (50) and the bottom ladder section (13) to resist bending of the bottom ladder section (12) in use. <IMAGE>

IPC 1-7  
**E06C 1/38**; **E06C 5/04**

IPC 8 full level  
**E06C 1/38** (2006.01); **E06C 5/04** (2006.01); **E06C 7/18** (2006.01)

CPC (source: EP)  
**E06C 1/38** (2013.01); **E06C 5/04** (2013.01); **E06C 7/185** (2013.01)

Citation (search report)  
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DE ES FR GB IT

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