

Title (en)

LADDER ARRANGEMENT WITH EXTENDABLE LADDER SECTIONS, PARTICULARLY A FIRE LADDER

Publication

EP 0244668 A3 19880817 (DE)

Application

EP 87105389 A 19870411

Priority

- DE 3614266 A 19860426
- DE 3625298 A 19860725

Abstract (en)

[origin: EP0244668A2] A ladder arrangement (1), particularly a fire ladder, possesses extendable ladder sections (2) which are arranged one inside the other and are, in principle, of identical design in terms of cross-section. Each lower chord (4) or longitudinal rail of a ladder section (2) is here represented, in terms of cross-section, in its entirety as a closed body with a plurality of closed individual cavities, as a result of which highly stressed marginal zones, which are most exposed to the risk of breaking, are avoided. A longitudinal rail welded in a sealing manner affords the best corrosion protection.

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 7/08** (2006.01)

CPC (source: EP)

E06C 1/12 (2013.01); **E06C 5/04** (2013.01)

Citation (search report)

- [AD] DE 3326644 A1 19850131 - IVECO MAGIRUS [DE]
- [A] DE 884283 C 19530727 - KLOECKNER HUMBOLDT DEUTZ AG
- [A] GB 654321 A 19510613 - GRAVITY LADDERS LTD
- [A] DE 1136577 B 19620913 - KLOECKNER HUMBOLDT DEUTZ AG
- [A] GB 773284 A 19570424 - ASBRINK & CO AKTIEBOLAG

Cited by

CN104747067A; CN104653095A; CN108194019A; EP0379885A1; CN108194017A; CN105003192A; CN105019816A; CN105041188A; US9677334B2; WO2016085646A1; WO2066778A1; US10286239B2; US11524193B2; US9814915B2; US11813488B2; US11975223B2

Designated contracting state (EPC)

AT DE FR GB

DOCDB simple family (publication)

EP 0244668 A2 19871111; **EP 0244668 A3 19880817**; **EP 0244668 B1 19910515**; DE 3625298 A1 19871029; DE 3770044 D1 19910620; JP H07103761 B2 19951108; JP S62260985 A 19871113

DOCDB simple family (application)

EP 87105389 A 19870411; DE 3625298 A 19860725; DE 3770044 T 19870411; JP 10021187 A 19870424