

SECTION E — FIXED CONSTRUCTIONS

E06 DOORS, WINDOWS, SHUTTERS, OR ROLLER BLINDS, IN GENERAL; LADDERS

E06C LADDERS (E04F 11/00 takes precedence; step-stools A47C 12/00; adaptation of ladders to use on ships B63B, to use on aircraft B64; scaffolding E04G) [5, 6]

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| <p>1/00 Ladders in general (mounted on undercarriages or vehicles E06C 5/00; permanently attached to fixed structures E06C 9/00)</p> <ul style="list-style-type: none"> 1/02 • with rigid longitudinal member or members 1/04 • • Ladders for resting against objects, e.g. walls, poles, trees (supports for ladder heads E06C 7/48) 1/06 • • • in one piece 1/08 • • • multi-part 1/10 • • • • Sections fitted end to end 1/12 • • • • extensible, e.g. telescopic 1/14 • • Ladders capable of standing by themselves 1/16 • • • with struts which rest on the ground (with struts rigid with the ladder E06C 1/24; having platforms E06C 1/39) 1/18 • • • • with supporting struts formed as ladders 1/20 • • • • with supporting struts formed as poles 1/22 • • • • • with extensible, e.g. telescopic, ladder parts or struts 1/24 • • • Free-standing ladders 1/26 • • • • in one piece 1/28 • • • • multi-part (with movable supporting struts formed as ladders E06C 1/18) 1/30 • • • • • extensible, e.g. telescopic 1/32 • • Ladders with a strut which is formed as a ladder and can be secured in line with the ladder 1/34 • • Ladders attachable to structures, such as windows, cornices, poles, or the like (ladders permanently fastened to buildings E06C 9/00) 1/36 • • • Ladders suspendable by hooks or the like 1/38 • • Special constructions of ladders, e.g. ladders with more or less than two longitudinal members, ladders with movable rungs or other treads, longitudinally-foldable ladders 1/383 • • • Foldable ladders in which the longitudinal members are brought together on folding 1/387 • • • having tip-up steps 1/39 • • • Ladders having platforms; Ladders changeable into platforms (platforms for use on ladders E06C 7/16) 1/393 • • • • Ladders having platforms foldable with the ladder 1/397 • • • characterised by having wheels, rollers, or runners 1/52 • with non-rigid longitudinal members 1/54 • • of the lazy-tongs type 1/56 • • Rope or chain ladders 1/58 • with both rigid and non-rigid longitudinal members | <p>5/00 Ladders characterised by being mounted on undercarriages or vehicles; Securing ladders on vehicles (ladders having wheels, rollers, or runners E06C 1/397)</p> <ul style="list-style-type: none"> 5/02 • with rigid longitudinal members 5/04 • • capable of being elevated or extended 5/06 • • • by piston and cylinder, or equivalent means, operated by a pressure medium 5/08 • • • • derived directly from a pressure reservoir 5/10 • • • • • charged by a pump or compressor driven by the motor of the vehicle or another motor on the vehicle 5/12 • • • • • derived directly from a pump or compressor 5/14 • • • • • driven by the motor of the vehicle or another motor on the vehicle 5/16 • • • using mechanical transmission only, with or without fluid or other non-mechanical couplings or clutches 5/18 • • • • using power from the motor of the vehicle or another motor 5/20 • • • • using hand-power (hand-operated extending means carried by the ladder E06C 7/04) 5/22 • • • by, or with the assistance of, springs (E06C 5/06, E06C 5/16 take precedence) 5/24 • • Dismounting ladders from vehicles 5/26 • with non-rigid longitudinal members 5/28 • • of the lazy-tongs type 5/30 • • formed of links which reinforce themselves against each other 5/32 • Accessories 5/34 • • Indicating devices 5/36 • • Safety devices against slipping or falling of ladders; Safety devices against overloading ladders 5/38 • • Devices for blocking the springs of the vehicle; Devices for supporting the undercarriage directly from the ground 5/40 • • Devices for canting ladders laterally 5/42 • • Devices for altering inclination; Latching devices therefor 5/44 • • Other accessories on ladders, e.g. acoustical signalling devices, dismountable switchboards <p>7/00 Component parts, supporting parts, or accessories</p> <ul style="list-style-type: none"> 7/02 • Extending means (for ladders mounted on undercarriages or vehicles E06C 5/00) 7/04 • • Hand-operated extending means carried by the ladder 7/06 • Securing devices or hooks for parts of extensible ladders 7/08 • Special construction of longitudinal members, or rungs or other treads |
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E06C

- 7/10 • Reinforcements for ladders
- 7/12 • Lifts or other hoisting devices on ladders
- 7/14 • Holders for pails or other equipment on or for ladders
- 7/16 • Platforms on, or for use on, ladders, e.g. liftable or lowerable platforms (aspects relating to the lifting B66F)
- 7/18 • Devices for preventing persons from falling (life-saving belts A62B 1/16)
- 7/42 • Ladder feet; Supports therefor (for scaffold elements E04G 5/02)
- 7/44 • • Means for mounting ladders on uneven ground
- 7/46 • • Non-skid equipment
- 7/48 • Ladder heads; Supports for heads of ladders for resting against objects

- 7/50 • Joints or other connecting parts

9/00 Ladders characterised by being permanently attached to fixed structures, e.g. fire escapes (movable stairways E04F 11/04)

- 9/02 • rigidly mounted
- 9/04 • • in the form of climbing irons or the like
- 9/06 • movably mounted
- 9/08 • • with rigid longitudinal members
- 9/10 • • • forming part of a building, such as a balcony grid, window grid, or other window part
- 9/12 • • • laterally displaceable
- 9/14 • • with non-rigid longitudinal members, e.g. rope or chain ladders, ladders of the lazy-tongs type