

## 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><b>1/00 Ladders in general</b> (mounted on undercarriages or vehicles E06C 5/00; permanently attached to fixed structures E06C 9/00)</p> <p>1/02 • with rigid longitudinal member or members</p> <p>1/04 • • Ladders for resting against objects, e.g. walls, poles, trees (supports for ladder heads E06C 7/48)</p> <p>1/06 • • • in one piece</p> <p>1/08 • • • multi-part</p> <p>1/10 • • • • Sections fitted end to end</p> <p>1/12 • • • • extensible, e.g. telescopic</p> <p>1/14 • • Ladders capable of standing by themselves</p> <p>1/16 • • • with struts which rest on the ground (with struts rigid with the ladder E06C 1/24; having platforms E06C 1/39)</p> <p>1/18 • • • • with supporting struts formed as ladders</p> <p>1/20 • • • • with supporting struts formed as poles</p> <p>1/22 • • • • • with extensible, e.g. telescopic, ladder parts or struts</p> <p>1/24 • • • • Free-standing ladders</p> <p>1/26 • • • • in one piece</p> <p>1/28 • • • • multi-part (with movable supporting struts formed as ladders E06C 1/18)</p> <p>1/30 • • • • • extensible, e.g. telescopic</p> <p>1/32 • • Ladders with a strut which is formed as a ladder and can be secured in line with the ladder</p> <p>1/34 • • Ladders attachable to structures, such as windows, cornices, poles, or the like (ladders permanently fastened to buildings E06C 9/00)</p> <p>1/36 • • • Ladders suspendable by hooks or the like</p> <p>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</p> <p>1/383 • • • Foldable ladders in which the longitudinal members are brought together on folding</p> <p>1/387 • • • having tip-up steps</p> <p>1/39 • • • Ladders having platforms; Ladders changeable into platforms (platforms for use on ladders E06C 7/16)</p> <p>1/393 • • • • Ladders having platforms foldable with the ladder</p> <p>1/397 • • • characterised by having wheels, rollers, or runners</p> <p>1/52 • with non-rigid longitudinal members</p> <p>1/54 • • of the lazy-tongs type</p> <p>1/56 • • Rope or chain ladders</p> <p>1/58 • with both rigid and non-rigid longitudinal members</p> | <p><b>5/00 Ladders characterised by being mounted on undercarriages or vehicles; Securing ladders on vehicles</b> (ladders having wheels, rollers, or runners E06C 1/397)</p> <p>5/02 • with rigid longitudinal members</p> <p>5/04 • • capable of being elevated or extended</p> <p>5/06 • • • by piston and cylinder, or equivalent means, operated by a pressure medium</p> <p>5/08 • • • • derived directly from a pressure reservoir</p> <p>5/10 • • • • • charged by a pump or compressor driven by the motor of the vehicle or another motor on the vehicle</p> <p>5/12 • • • • • derived directly from a pump or compressor</p> <p>5/14 • • • • • driven by the motor of the vehicle or another motor on the vehicle</p> <p>5/16 • • • using mechanical transmission only, with or without fluid or other non-mechanical couplings or clutches</p> <p>5/18 • • • • using power from the motor of the vehicle or another motor</p> <p>5/20 • • • • using hand-power (hand-operated extending means carried by the ladder E06C 7/04)</p> <p>5/22 • • • • by, or with the assistance of, springs (E06C 5/06, E06C 5/16 take precedence)</p> <p>5/24 • • Dismounting ladders from vehicles</p> <p>5/26 • with non-rigid longitudinal members</p> <p>5/28 • • of the lazy-tongs type</p> <p>5/30 • • formed of links which reinforce themselves against each other</p> <p>5/32 • Accessories</p> <p>5/34 • • Indicating devices</p> <p>5/36 • • Safety devices against slipping or falling of ladders; Safety devices against overloading ladders</p> <p>5/38 • • Devices for blocking the springs of the vehicle; Devices for supporting the undercarriage directly from the ground</p> <p>5/40 • • Devices for canting ladders laterally</p> <p>5/42 • • Devices for altering inclination; Latching devices therefor</p> <p>5/44 • • Other accessories on ladders, e.g. acoustical signalling devices, dismountable switchboards</p> <p><b>7/00 Component parts, supporting parts, or accessories</b></p> <p>7/02 • Extending means (for ladders mounted on undercarriages or vehicles E06C 5/00)</p> <p>7/04 • • Hand-operated extending means carried by the ladder</p> <p>7/06 • Securing devices or hooks for parts of extensible ladders</p> <p>7/08 • Special construction of longitudinal members, or rungs or other treads</p> |
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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