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)

WARNING
In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

1/00 Ladders in general (mounted on undercarriages or vehicles E06C 5/00; permanently attached to fixed structures E06C 9/00)
1/005 . . [Ladders in use as furniture or ladders in relation to furniture, e.g. in cupboards (step-stools, chairs or benches requiring conversion between the step and seat functions A47C 12/02)]
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 ([E06C 1/32 takes precedence])
1/10 . . . . Sections fitted end to end
1/12 . . . . extensible, e.g. telescopic
1/125 . . . . . [with tubular longitudinal members nested within each other]
1/14 . . . Ladders capable of standing by themselves
1/16 . . . . with [hinged] struts which rest on the ground (with struts rigid with the ladder E06C 1/24; having platforms E06C 7/16)
1/18 . . . . with supporting struts formed as ladders ([E06C 1/32 takes precedence])
1/20 . . . . with supporting struts formed as poles ([stabilising struts E06C 7/423])
1/22 . . . . . with extensible, e.g. telescopic, ladder parts or struts
1/24 . . . . . [Non-hinged] 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 attached to structures, such as windows, cornices, poles, or the like ([E06C 9/12 takes precedence]; ladders permanently fastened to buildings E06C 9/00; [e.g. climbing irons E06C 9/04])
1/345 . . . . . [specially adapted to be installed parallel to the roof surface]
1/36 . . . . Ladders suspendable by hooks or the like ([ladderhooks E06C 7/505])

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
1/381 . . . . [Ladders with rungs or treads attached only to one rigid longitudinal member]
1/382 . . . . [Tripod ladders]
1/383 . . . . Foldable ladders in which the longitudinal members are brought together on folding ([E06C 9/083 takes precedence])
1/3835 . . . . . [having collapsible steps comprising a hinge in their central part]
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
1/525 . . . {made of a continuous strip of material}
1/54 . . . . of the lazy-tongs type
1/56 . . . . Rope or chain ladders
1/58 . . . . with both rigid and non-rigid longitudinal members

5/00 Ladders characterised by being mounted on undercarriages or vehicles Securing ladders on vehicles (ladders having wheels, rollers, or runners E06C 1/397; [ladders on boats B63B 27/14])
5/02 . . . with rigid longitudinal members
5/04 . . . . capable of being elevated or extended [Fastening means during transport, e.g. mechanical, hydraulic]
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
7/00 Component parts, supporting parts, or accessories  
7/003 [indicating devices, e.g. user warnings or inclinators]  
7/006 [devices for preventing access]  
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  
7/081 [rungs or other treads comprising anti-slip features]  
7/082 [connections between rungs or treads and longitudinal members]  
7/083 [Bracket type connection]  
7/084 [rungs comprising projecting tabs or flanges]  
7/085 [achieved by deforming the rung or the stile (E06C 7/084 takes precedence)]  
7/086 [with a connecting piece inserted in a hollow rung (E06C 7/088 takes precedence)]  
7/087 [with a connecting piece installed around the rung]  
7/088 [with tie rods parallel to the rungs]  
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  
7/143 [specially adapted to be inserted into the end of a hollow rung]  
7/146 [made from wire (E06C 7/143 takes precedence)]  
7/16 Platforms on, or for use on, ladders, e.g. liftable or lowerable platforms (aspects relating to the lifting B66F)  

7/145 Devices for preventing persons from falling (life-saving belts A62B 1/16 [safety devices for window-cleaners A47L 3/00])  
7/181 [additional gripping devices, e.g. handrails]  
7/182 [situated at the top of the ladder]  
7/183 [situated along the ladder]  
7/185 [devices providing a back support to a person on the ladder, e.g. cages]  
7/186 [rail or rope for guiding a safety attachment, e.g. a fall arrest system]  
7/187 [guiding rail]  
7/188 [Accessories for temporary stabilising a ladder, e.g. temporary attaching devices (ladder feet or struts E06C 7/42, ladder heads E06C 7/48)]  
7/42 Ladder feet; Supports therefor (for scaffold elements E04G 5/02)  
7/423 [Ladder stabilising struts]  
7/426 [Height adjustable supports for receiving both ladder feet]  
7/428 Means for attaching or supporting ladders  
7/44 Means for mounting ladders on uneven ground  
7/46 Non-slip equipment  
7/48 Ladder heads; Supports for heads of ladders for resting against objects [(ladders attachable to structures such as poles E06C 1/34)]  
7/482 [supports specially adapted for resting the ladder against or in a corner]  
7/484 [supports specially adapted for use with a wall opening, e.g. windows]  
7/488 [supports specially adapted to attach a ladder to a ridge of a roof]  
7/50 Joints or other connecting parts  
7/505 [anchors being adapted to fix a ladder to a vertical structure, e.g. ladder hooks]  

9/00 Ladders characterised by being permanently attached to fixed structures, e.g. fire escapes (movable stairways E04F 11/04 [means for facilitating access to swimming pools E04H 4/144])  
9/02 rigidly mounted  
9/04 in the form of climbing irons or the like [(built-in climbing irons for poles A63B 27/00; built-in climbing devices as construction element E04F 11/00)]  
9/06 movable mounted  
9/08 with rigid longitudinal members  
9/085 [ladders unfolded in the direction of the longitudinal members]  
9/10 forming part of a building, such as a balcony grid, window grid, or other window part [(with non-rigid longitudinal members E06C 9/14)]  
9/12 laterally displaceable  
9/14 with non-rigid longitudinal members, e.g. rope or chain ladders, ladders of the lazy-tongs type