

SECTION E — FIXED CONSTRUCTIONS

E01 CONSTRUCTION OF ROADS, RAILWAYS, OR BRIDGES

E01D BRIDGES (bridges extending between terminal buildings and aircraft for embarking or disembarking passengers B64F 1/305)

Note(s) [6]

In this subclass, it is desirable to add the indexing codes of group E01D 101/00.

Subclass index

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| BRIDGES IN GENERAL..... | 1/00 |
| BRIDGES CHARACTERISED BY THE CROSS-SECTION OF THEIR BEARING SPANNING STRUCTURE..... | 2/00 |
| BRIDGES CHARACTERISED BY THEIR STRUCTURAL TYPE..... | 4/00-15/00 |
| BRIDGES CHARACTERISED BY THEIR FUNCTION..... | 18/00 |
| DETAILS..... | 19/00 |
| ERECTING OR ASSEMBLING BRIDGES..... | 21/00 |
| REPAIRING OR STRENGTHENING EXISTING BRIDGES..... | 22/00 |
| DISMANTLING BRIDGES..... | 24/00 |

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|--------------|---|--------------|---|
| 1/00 | Bridges in general (characterised by their structural type E01D 4/00-E01D 15/00) [1, 6, 2006.01] | 15/127 | • • combined with ground-supported vehicles for the transport, handling or placing of such bridges or of sections thereof [6, 2006.01] |
| 2/00 | Bridges characterised by the cross-section of their bearing spanning structure [6, 2006.01] | 15/133 | • • built-up from readily separable standardised sections or elements, e.g. Bailey bridges (E01D 15/127 takes precedence) [6, 2006.01] |
| 2/02 | • of the I-girder type [6, 2006.01] | 15/14 | • Floating bridges, e.g. pontoon bridges (landing bridges E01D 15/24; floating bodies or pontoons B63B) [1, 6, 2006.01] |
| 2/04 | • of the box-girder type [6, 2006.01] | 15/20 | • • collapsible, expandable, inflatable or the like (E01D 15/22 takes precedence) [6, 2006.01] |
| 4/00 | Arch-type bridges [6, 2006.01] | 15/22 | • • designed as, or mounted on, vehicles [6, 2006.01] |
| 6/00 | Truss-type bridges [6, 2006.01] | 15/24 | • Bridges or similar structures, based on land or on a fixed structure and designed to give access to ships or other floating structures [6, 2006.01] |
| 6/02 | • of bowstring type [6, 2006.01] | 18/00 | Bridges specially adapted for particular applications or functions not provided for elsewhere, e.g. aqueducts, bridges for supporting pipe-lines [6, 2006.01] |
| 11/00 | Suspension or cable-stayed bridges [1, 6, 2006.01] | 19/00 | Details of bridges [1, 2006.01] |
| 11/02 | • Suspension bridges [6, 2006.01] | 19/02 | • Piers; Abutments (foundations E02D) [1, 2006.01] |
| 11/04 | • Cable-stayed bridges [6, 2006.01] | 19/04 | • Bearings; Hinges [1, 2006.01] |
| 12/00 | Bridges characterised by a combination of structures not covered as a whole by a single one of groups E01D 2/00-E01D 11/00 [6, 2006.01] | 19/06 | • Arrangement, construction, or bridging of expansion joints [1, 2006.01] |
| 15/00 | Movable or portable bridges (arrangement of ship-based outboard ramps or gangways B63B 27/14; loading ramps B65G 69/28); Floating bridges [1, 2006.01] | 19/08 | • Damp-proof or other insulating layers; Drainage arrangements or devices [1, 2006.01] |
| 15/02 | • Vertical lift bridges [1, 2006.01] | 19/10 | • Railings; Protectors against smoke or gases, e.g. of locomotives; Maintenance travellers; Fastening of pipes or cables to bridges [1, 2006.01] |
| 15/04 | • Swing bridges [1, 2006.01] | 19/12 | • Grating or flooring for bridges; Fastening railway sleepers or tracks to bridges [1, 2006.01] |
| 15/06 | • Bascule bridges; Roller bascule bridges, e.g. of Scherzer type [1, 2006.01] | 19/14 | • Towers; Anchors; Saddle supports [6, 2006.01] |
| 15/08 | • • Drawbridges [1, 2006.01] | 19/16 | • Suspension cables; Cable clamps for suspension cables [6, 2006.01] |
| 15/10 | • Travelling bridges; Sliding bridges; Rotary cylinder bridges, i.e. rotating about longitudinal axis to invert and raise the road [1, 2006.01] | | |
| 15/12 | • Portable or sectional bridges (floating bridges E01D 15/14) [1, 2006.01] | | |

E01D

- 21/00 **Methods or apparatus specially adapted for erecting or assembling bridges [1, 6, 2006.01]**
- 21/06
 - by translational movement of the bridge or bridge sections [6, 2006.01]
- 21/08
 - by rotational movement of the bridge or bridge sections [6, 2006.01]
- 21/10
 - Cantilevered erection [6, 2006.01]
- 22/00 **Methods or apparatus for repairing or strengthening existing bridges [6, 2006.01]**
- 24/00 **Methods or apparatus for dismantling bridges [2006.01]**

Indexing scheme associated with groups E01D 1/00-E01D 22/00, relating to the material constitution of bridges. [6]

101/00 Material constitution of bridges [6, 2006.01]

- 101/10
 - Wood [6, 2006.01]
- 101/20
 - Concrete, stone or stone-like material [6, 2006.01]
- 101/22
 - • Masonry; Bricks [6, 2006.01]
- 101/24
 - • Concrete [6, 2006.01]
- 101/26
 - • • reinforced [6, 2006.01]
- 101/28
 - • • prestressed [6, 2006.01]
- 101/30
 - Metal (E01D 101/26 takes precedence) [6, 2006.01]
- 101/32
 - • prestressed [6, 2006.01]
- 101/34
 - • non-ferrous, e.g. aluminium [6, 2006.01]
- 101/40
 - Plastics [6, 2006.01]