

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

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

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]