

Title (en)

Modular stair scaffold tower and stair scaffold module

Title (de)

Modulartig aufgebauter Treppengerüstturm und Treppengerüstmodul

Title (fr)

Tour de cage d'escalier conçue de façon modulaire et module de cage d'escalier

Publication

EP 2692964 B1 20201209 (DE)

Application

EP 13173479 A 20130625

Priority

DE 102012213593 A 20120801

Abstract (en)

[origin: EP2692964A2] The staircase shoring tower has superimposed staircase framework modules (M1-M3) that are arranged one above the other. Vertical posts (32,34,36,38) having upper and lower region is arranged in each corner region of staircase framework modules. Upper groups (Go) of horizontal bars and lower groups (Gu) of horizontal bars are detachably connected to respective upper and lower region of vertical post. Upper and lower end region (20,22) of staircase unit (16) is connected to respective upper and lower groups of horizontal bars. An independent claim is included for modular staircase scaffolding module.

IPC 8 full level

E04G 27/00 (2006.01)

CPC (source: EP)

E04G 27/00 (2013.01)

Citation (examination)

- DE 2556365 A1 19770623 - PEINER MASCH SCHRAUBEN
- "PD 8 Treppenturm - Aufbau- und Verwendungsanleitung fuer die Regelausführung", FIRMENSCHRIFT, PERI GMBH, D-89259 WEISSENHORN, DE, no. Art.Nr. 790733, 1 April 2008 (2008-04-01), pages 1 - 29, XP008173229

Citation (opposition)

Opponent : Wilhelm Layher Verwaltungs-GmbH

- JP H08199799 A 19960806 - NIKKO KK
- "PERI PD 8 Treppenturm Aufbau- und Verwendungsanleitung für die Regelausführung", PERI, April 2008 (2008-04-01), pages 1 - 29, XP055842621
- "PERI PD8 - The cost-effective shoring for slab tables and high loads", PERI GMBH, June 2010 (2010-06-01), XP055842628
- "ALFIX Treppentürme Produktinformation", ALFIX, February 2010 (2010-02-01), XP55842673
- "ALFIX Stairway Towers Product Information", ALFIX, September 2010 (2010-09-01), XP055842682
- "ALFIX Treppentürme Produktinformation", ALFIX, May 2011 (2011-05-01), XP055842690
- "Doka-Treppenturm d2-225 Anwenderinformation", DEUTSCHE DOKA SCHALUNGSTECHNIK GMBH, March 2003 (2003-03-01), XP055842700
- "Treppenturm Aufbau- und Verwendungsanleitung", MEVA, 11 January 2004 (2004-01-11), XP055842704
- "Gerüstaufstiege Modulsystem plettac contour Aufbau- und Verwendungsanleitung", ALTRAD PLETTAC ASSCO, January 2010 (2010-01-01), XP055842713
- "ALFIX Modul PLUS II Katalog und Preisliste", ALFIX, January 2009 (2009-01-01), XP055842715
- "Anwenderinformation Doka Treppenturm 250", DOKA DIE SCHALUNGSTECHNIKER, October 1995 (1995-10-01), XP055842717

Cited by

CN105756331A; CN115354843A; CN113585696A; CN114837460A; CN109138499A

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DOCDB simple family (publication)

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DOCDB simple family (application)

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