

Title (en)

Horizontal stiffening diagonal for system scaffolding

Title (de)

Horizontale Versteifungsdiagonale für Systemgerüst

Title (fr)

Diagonale de raidissage horizontal pour système d'échafaudage

Publication

**EP 1785549 A1 20070516 (EN)**

Application

**EP 05077568 A 20051110**

Priority

EP 05077568 A 20051110

Abstract (en)

Stiffening diagonal (2) for the horizontal stiffening of scaffold systems (1), which consist of vertical modular system posts (4) and horizontal modular longitudinal and cross girders (5, 6), wherein the ends (7) are adjusted in a specific inventive way for a direct centric discharge of the pressure forces to said vertical system post (4) and wherein further means are applied of the tensile fixed eccentric connection of the stiffening diagonal (2) with the rosette (3) of the vertical system post.

IPC 8 full level

**E04G 5/16** (2006.01); **E04G 7/30** (2006.01); **E04G 7/32** (2006.01)

CPC (source: EP)

**E04G 5/16** (2013.01); **E04G 7/307** (2013.01); **E04G 7/32** (2013.01)

Citation (applicant)

- US 4867274 A 19890919 - LANGER RUTH GEB LAYHER [DE]
- DE 2748113 A1 19790503 - KWIIFORM LTD
- DE 10128039 A1 20021212 - THYSEN HUENNEBECK GMBH [DE]

Citation (search report)

- [X] US 4867274 A 19890919 - LANGER RUTH GEB LAYHER [DE]
- [X] DE 2748113 A1 19790503 - KWIIFORM LTD
- [A] DE 10128039 A1 20021212 - THYSEN HUENNEBECK GMBH [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 01 14 January 2003 (2003-01-14)

Cited by

CN101892737A; US2013319797A1; US10125505B2; WO2017040944A1; WO2011094351A3; WO2017012919A1; US9103080B2; US9783939B2; US10563365B2; US10731362B2

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DE FR NL

Designated extension state (EPC)

AL BA HR MK YU

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