

Title (en)

APPARATUS FOR FORMING TEMPORARY GUARDRAILS ON STAIRS

Title (de)

VORRICHTUNG ZUR FORMUNG TEMPORÄRER FÜHRUNGSSCHIENEN AUF TREPPEN

Title (fr)

APPAREIL POUR FORMER DES GARDE-CORPS TEMPORAIRES SUR DES ESCALIERS

Publication

**EP 2567044 B1 20211201 (EN)**

Application

**EP 11778404 A 20110506**

Priority

- US 77581710 A 20100507
- US 2011035479 W 20110506

Abstract (en)

[origin: US2011272659A1] An apparatus for use in erecting a temporary guardrail on a stair, having a stair stringer. The apparatus has an elongated stanchion. A first jaw assembly is operatively attached to the stanchion for engaging one side of the stringer, proximal the bottom edge thereof, and includes a first compression assembly to operatively urge the stanchion against the stringer. A second axially spaced, jaw assembly is operatively attached to the stanchion for engaging the one side of the stringer proximal a top edge thereof, and includes a second compression assembly to urge the stanchion against the stringer, and a bracket attached to the stanchion, and being adapted to receive a temporary guardrail member.

IPC 8 full level

**E04H 17/14** (2006.01); **E04F 11/18** (2006.01); **E04G 21/32** (2006.01)

CPC (source: EP US)

**E04G 21/3204** (2013.01 - EP US); **E04F 11/1865** (2013.01 - EP US)

Citation (examination)

- US 3825098 A 19740723 - SHINGLER T
- EP 2177690 A1 20100421 - WEGLAGE GEORG [DE]
- US 6848221 B1 20050201 - HARTZ DOUGLAS K [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**US 2011272659 A1 20111110**; AU 2011247977 A1 20121129; AU 2011247977 B2 20150507; CA 2798629 A1 20111110; CA 2798629 C 20170606; EP 2567044 A1 20130313; EP 2567044 A4 20140528; EP 2567044 B1 20211201; ES 2899984 T3 20220315; WO 2011140421 A1 20111110

DOCDB simple family (application)

**US 77581710 A 20100507**; AU 2011247977 A 20110506; CA 2798629 A 20110506; EP 11778404 A 20110506; ES 11778404 T 20110506; US 2011035479 W 20110506