

Title (en)

Fastener for combination floor and combination floor using the same

Title (de)

Verfahren für einen Kombinationsboden und Kombinationsboden damit

Title (fr)

Attache pour parquet combiné et parquet combiné l'utilisant

Publication

**EP 2366848 A2 20110921 (EN)**

Application

**EP 10163902 A 20100526**

Priority

TW 99107662 A 20100316

Abstract (en)

A fastener (10) for a combination floor (30) includes a base portion (20) having a through hole (202) for penetration of a nail (40) so as to secure the fastener (10) to a beam (32), two arm portions (22 ' 24) extending from the same side of the base portion (20), and two tongue portions (26, 28) extending from one of the arm portions (22 , 24) along opposite directions for stopping against a male panel (34) and a female panel (36) respectively. Thus, the fastener (10) of the present invention can absorb thermal expansions of the male panel (34) and female panel (36).

IPC 8 full level

**E04F 15/02** (2006.01)

CPC (source: EP)

**E04F 15/02** (2013.01); **E04F 2015/02094** (2013.01); **E04F 2201/05** (2013.01)

Citation (applicant)

- GB 2312687 A 19971105 - LOPEZ JULIO RODRIGUEZ [ES]
- US 7546717 B2 20090616 - JUAN PUERTA JOSE [ES]

Cited by

US10801537B2; US11306754B2; US11598357B2

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**EP 2366848 A2 20110921**; **EP 2366848 A3 20120606**; TW 201132839 A 20111001

DOCDB simple family (application)

**EP 10163902 A 20100526**; TW 99107662 A 20100316