

Title (en)  
Fastening device

Title (de)  
Befestigungsvorrichtung

Title (fr)  
Dispositif d'attache

Publication  
**EP 2096232 A1 20090902 (EN)**

Application  
**EP 08003514 A 20080227**

Priority  
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Abstract (en)

The invention relates to a fastening device comprising at least one holding portion (1), at least one spacing portion (2) and at least one hollow shaft (3), so that the spacing portion is located between the holding portion and the hollow shaft. The fastening device according to the present invention may for example be used to fix for example planks/boards to a support substructure like for example a girder substructure to get a plank/board flooring, which may be used for example on sunroofs, on terraces, in bathrooms, spa areas or around swimming pools.

IPC 8 full level  
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**E04F 13/0826** (2013.01); **E04F 15/02** (2013.01); **E04F 15/02188** (2013.01); **E04F 2015/02094** (2013.01)

Citation (applicant)

- WO 2006066727 A1 20060629 - BRAUN & WUERFELE GMBH & CO [DE], et al
- WO 03009138 A2 20030130 - BRAUN & WUERFELE GMBH & CO [DE], et al
- EP 1524385 A1 20050420 - HOLZ SPECKMANN GMBH [DE]
- EP 1600579 A1 20051130 - CERLAND S A S [FR]
- FR 2818677 A1 20020628 - GRP D EXPORTATION ET DE DIFFUS [FR]

Citation (search report)

- [XA] ES 2285950 A1 20071116 - PERFILES TECNICOS PARA EXTERIO [ES]
- [X] FR 2903707 A1 20080118 - COMPTOIR DU MATERIAU MODERNE [FR]
- [XA] EP 0430224 A1 19910605 - HERZOG THOMAS PROF DR [DE]
- [X] DE 19939178 A1 20010322 - DORMA GMBH & CO KG [DE]
- [X] GB 1169040 A 19691029 - FISCHER ARTUR [DE]

Cited by

DE202015101696U1; US11149444B2; US11377858B2; EP3341540A4; EP3889372A1; EP2845965A1; US11326355B2; TWI715050B

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