

Title (en)  
Elevated floor assembly

Title (de)  
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Title (fr)  
Plancher surélevé

Publication  
**EP 1378617 A1 20040107 (EN)**

Application  
**EP 03101958 A 20030701**

Priority  
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Abstract (en)  
The invention proposes an elevated floor assembly (10) comprising floor panels (12) having a thickness, an upper surface (14), an opposite lower surface (16) and side faces (18). These side faces (18) have two corner portions (20) and a central portion (22) lying in-between the two corner portions (20). In order to support the floor panels (12) above a base floor, the elevated floor assembly (10) further includes pedestals, which provide support at the corner portions (20). In accordance with the invention, two adjacent side faces (181, 182) of two adjacent floor panels (121, 122) are designed so that their corner portions (20) are in abutment, whereas a slot (26) extending over the whole thickness of the two floor panels (121, 122) is formed, separating the central portions (22) of the two adjacent side faces (181, 182). This slot (26) ensures the avoidance of floor squeaking, which can be rather disturbing especially in commercial and office buildings. <IMAGE>

IPC 1-7  
**E04F 15/024**

IPC 8 full level  
**E04F 15/024** (2006.01)

CPC (source: EP)  
**E04F 15/02405** (2013.01)

Citation (applicant)  

- DE 2856367 A1 19790705 - ZOONTJENS BEHEER B V P
- EP 0411568 A2 19910206 - HITACHI METALS LTD [JP], et al
- FR 1547666 A 19681129

Citation (search report)  

- [Y] DE 2856367 A1 19790705 - ZOONTJENS BEHEER B V P
- [Y] EP 0411568 A2 19910206 - HITACHI METALS LTD [JP], et al
- [A] FR 1547666 A 19681129

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