

Title (en)

Profiled hinge joint.

Title (de)

Profilierte Scharnierverbindung.

Title (fr)

Articulation de charnière profilée.

Publication

**EP 0031970 A1 19810715 (EN)**

Application

**EP 80200006 A 19800104**

Priority

EP 80200006 A 19800104

Abstract (en)

A profiled hinge joint comprises joint wings designed in the form of profiled frame members. One joint wing is provided with a bead member (6) extending longitudinally with the frame member, the other joint wing has a partially open, cap-shaped flange (11) engaging the bead member; said joint wing likewise extends longitudinally with the frame member. The bead member (6) on the side remote from the frame member has been provided with a partially restricted part (18) and the cap-shaped flange (11) possesses a slot of a width such, that the bead member (6) is to be laterally inserted into the cap-shaped flange (11) with an angle outside the hinging field of both frame members.

IPC 1-7

**E05D 15/24**; **E05D 1/04**; **E06B 3/48**

IPC 8 full level

**E05D 15/24** (2006.01); **E06B 3/48** (2006.01); **E05D 1/04** (2006.01)

CPC (source: EP)

**E05D 15/242** (2013.01); **E06B 3/485** (2013.01); **E06B 3/486** (2013.01); **E05D 1/04** (2013.01); **E05Y 2800/12** (2013.01); **E05Y 2900/106** (2013.01)

Citation (search report)

- LU 68822 A1 19740121
- DE 1509191 A1 19690710 - INGENIOER EL FERNHOLT & GIERLE
- US 2880796 A 19590407 - STROUP EARL L
- US 2302661 A 19421124 - BENSON ERNEST H
- GB 777456 A 19570626 - CYRIL JOHN BAKER

Cited by

EP0159058A3; GB2129048A; EP0624705A1; FR2618842A1; GB2216180A; GB2216180B; DE3943782C2; DE3943782C5; FR2582715A1; AU622030B2; DE3904918A1; DE3904918C2; EP0289568A4; DE3904918C5; FR2655232A1; FR2633005A2; US4924932A; BE1004436A4; AT382423B; US9062484B2; WO2014201373A1; WO9014486A1; EP0198358B1

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