

Title (en)

Two-member structure with a two-member connecting device

Title (de)

Zweiteilige Struktur mit einer zweiteiligen Verbindungsvorrichtung

Title (fr)

Structure à deux éléments avec dispositif de connexion à deux éléments

Publication

**EP 2233643 B1 20170531 (EN)**

Application

**EP 10155361 A 20100303**

Priority

JP 2009079628 A 20090327

Abstract (en)

[origin: EP2233643A2] Left and right upper centering members (33) and lower centering members (34) are provided at positions respectively opposing left and right second brackets (14), (15) in an extension boom (5B). As engaging groove portions (33C) of the upper centering members (33) are engaged with left and right upper connecting pins (16), (17), the left and right upper connecting pins (16), (17) can be centered with respect to left and right upper second pin insertion holes (14A), (15A), and can be smoothly inserted into these left and right upper second pin insertion holes (14A), (15A). In addition, as abutting groove portions (34C) of the lower centering members (34) are abutted against left and right lower connecting pins (18), (19), the left and right lower connecting pins (18), (19) can be centered with respect to left and right lower second pin insertion holes (14B), (15B), and can be smoothly inserted into these left and right lower second pin insertion holes (14B), (15B).

IPC 8 full level

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CPC (source: EP KR)

**B66C 23/26** (2013.01 - KR); **B66C 23/64** (2013.01 - KR); **E02F 3/369** (2013.01 - EP); **E02F 3/38** (2013.01 - EP); **E02F 3/965** (2013.01 - EP); **E02F 9/14** (2013.01 - KR)

Cited by

CN107178339A; CN105731276A; CN107178340A; EP2581500A4

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DOCDB simple family (publication)

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