

Title (en)
Joining element

Title (de)
Verbindungseinheit

Title (fr)
Élément d'assemblage

Publication
EP 0731231 B1 20010704 (DE)

Application
EP 96103169 A 19960301

Priority
DE 19507764 A 19950306

Abstract (en)
[origin: EP0731231A1] The connector has a connecting plate (61) with suitable openings (62) which coincide with guide openings (15) in the profiled strips (60) for connection by screw nuts. The openings (62) in the connecting plate are oblong holes (62) open towards the edge of same. Indentations (67) on the top side of the connecting plate are associated with protrusions on the underneath side of the plate to receive the nut. The connecting plate is made from sheet metal whereby the protrusions and indentations are formed together by a stamp. The height of the protrusions is less than the height of the guide opening (15). The protrusions and/or indentations can each be circular at the closed end of the openings (62)

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E04B 1/58

IPC 8 full level
E04B 1/58 (2006.01); **E03D 11/14** (2006.01); **F16B 7/04** (2006.01)

CPC (source: EP)
E03D 11/146 (2013.01); **E04B 1/5818** (2013.01); **E04B 2001/389** (2023.08)

Cited by
CN103994134A; EP1001100A3; EP0950817A3; FR2801916A1; WO2022122491A1

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EP 0731231 A1 19960911; EP 0731231 B1 20010704; AT E202818 T1 20010715; CZ 292095 B6 20030716; CZ 65696 A3 19960911; DE 19507764 A1 19960912; DE 59607191 D1 20010809; DK 0731231 T3 20011022; ES 2160733 T3 20011116; NO 310437 B1 20010702; NO 960894 D0 19960305; NO 960894 L 19960909; PL 179500 B1 20000929; PL 313097 A1 19960916; PT 731231 E 20011228

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