

Title (en)
CONNECTOR FOR STEEL STRUCTURES

Title (de)
VERBINDER FÜR STAHLKONSTRUKTIONEN

Title (fr)
CONNECTEUR POUR STRUCTURES EN ACIER

Publication
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Application
EP 23206008 A 20231026

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Abstract (en)
A steel structural connector, comprising a vertically-oriented connecting body for connecting to columns and a horizontally-oriented connecting body for connecting to beams, where one end of the horizontally-oriented connecting body is connected to the vertically-oriented connecting body. The vertically-oriented connecting body further includes sequentially arranged front sidewall, left sidewall, rear sidewall, and right sidewall. On at least one end of the vertically-oriented connecting body, there are several installation through-holes for connecting to columns. The vertically-oriented connecting body has installation through-holes on one end of each sidewall with an inwardly extending concave portion along the length direction of the vertically-oriented connecting body. The installation through-holes are placed within the concave portion. The present invention enhances the stability and structural strength of connections when used at locations with installation through-holes for external vertical components, while simultaneously connecting both horizontal and vertical components.

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Citation (applicant)
CN 114250860 A 20220329 - ZHANGZHOU HAENG BUILDING MAT CO LTD

Citation (search report)
• [XI] CN 109930746 A 20190625 - UNIV NANJING FORESTRY, et al
• [X] CN 106284660 A 20170104 - ZHEJIANG PUTIAN INTEGRATED HOUSING CO LTD
• [X] CN 105805112 A 20160727 - CHONGQING BIAOWANG MACHINERY EQUIPMENT CO LTD

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