Title (en)

A method of roll-forming a pallet rack upright

Title (de)

Rollformverfahren zur Herstellung einer Senkrechtstützstruktur eines Palettengestell

Title (fr)

Procédé de formation à rouleaux d'une structure de support vertical d'un rayonnage à palettes

Publication

EP 2140952 B1 20110413 (EN)

Application

EP 09163793 A 20090625

Previously filed application

0801535 20080630 SE

Priority

SE 0801535 A 20080630

Abstract (en)

[origin: EP2140952A2] Uprights of so-called omega type for pallet racks can be adapted for different loading situations and uprights of different dimensions can be roll formed in a single machine by the following consecutive roll forming steps: - forming of a centre groove (12) consisting of two S-bends (15, 16) that are the same for different uprights, but with preselected distance from the middle of the blank to afford the desired width of the centre groove, - roll forming of two S-bends (19) which are the same for different uprights but with preselected distance from the middle of the blank, and - roll forming of two corners (22, 23) between the S-bends and at preselected distance from the bends of the centre groove to bend upward the webs (13, 14) of the upright. The pallet racks with uprights of omega type have struts of square tubes (41,42) placed alongside each other and clamped together between indentations (18) on both webs of the uprights.

IPC 8 full level

B21D 5/08 (2006.01); **A47B 47/02** (2006.01)

CPC (source: EP SE)

A47B 96/1475 (2013.01 - EP SE); **B21D 5/08** (2013.01 - EP); **B21D 5/083** (2013.01 - SE)

Cited by

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