

Title (en)

METHOD FOR PRODUCING A CORNER ELEMENT FOR TROUGH GUTTERS, AND CORNER ELEMENT FOR TROUGH GUTTERS  
PRODUCED IN THIS MANNER

Publication

**EP 0179514 A3 19870527 (DE)**

Application

**EP 85201587 A 19851002**

Priority

DE 3438942 A 19841024

Abstract (en)

[origin: EP0179514A2] 1. Method for producing a one-piece guttering corner (7, 16) provided with rolled parts (8, 9, 17, 18) and water folds (13, 14, 22, 23) and intended for connecting trough-shaped guttering, and provided with arc-shaped side walls in the corner region of the guttering corner elements (10, 11, 19, 20), a five-cornered non-ferrous metal sheet, in particular a zinc sheet, being deep-drawn, the plane of symmetry (3) of which sheet is perpendicular to the direction of rolling and the four sides (4, 4', 5, 5') of which, two of which in each case are of the same length, run diagonally to the direction of rolling and one side (6) of which runs parallel to the direction of rolling, the direction of shaping of the corresponding sheet sections running diagonally to the direction of rolling of the sheet (2), the rolled parts (8, 9, 17, 18) and the water folds (13, 14, 22, 23) being formed in rectilinear manner on the guttering corner elements (10, 11, 19, 20) by bending and the rolled parts (8, 9, 17, 18) which abut each other at an acute angle in the corner region change into the arc-shaped edge of the guttering corner (7, 16), forming a triangular recess (12), and the transverse edges of the water folds (13, 14, 22, 23) in the corner region change into a crescent-shaped intermediate element (15) formed on the outside.

IPC 1-7

**E04D 13/06**

IPC 8 full level

**E04D 13/064** (2006.01)

CPC (source: EP)

**E04D 13/0643** (2013.01)

Citation (search report)

[A] EP 0078584 A1 19830511 - RHEINZINK GMBH [DE]

Cited by

DE3837698A1; DE102007032989B3; EP2017395A3

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL

DOCDB simple family (publication)

**EP 0179514 A2 19860430; EP 0179514 A3 19870527; EP 0179514 B1 19891220**; AT E48871 T1 19900115; DE 3438942 A1 19860424; DE 3574891 D1 19900125; DK 161745 B 19910812; DK 161745 C 19920127; DK 486385 A 19860425; DK 486385 D0 19851023

DOCDB simple family (application)

**EP 85201587 A 19851002**; AT 85201587 T 19851002; DE 3438942 A 19841024; DE 3574891 T 19851002; DK 486385 A 19851023