

Title (en)

Method and apparatus for forming two flanges on a metal sheet

Title (de)

Verfahren und Vorrichtung zum Herstellen von zwei Flanschen an einem Metalblech

Title (fr)

Procédé et dispositif pour réaliser deux rebords dans une tôle

Publication

EP 1138405 A1 20011004 (EN)

Application

EP 00201161 A 20000331

Priority

EP 00201161 A 20000331

Abstract (en)

The invention relates to a method for forming two opposite flanges on a metal sheet, in particular a tapered sheet, for building purposes using a rollformer (1), in which a first flange is formed at a first side (7) of the rollformer (1), and a second flange is formed at a second side (8) of the rollformer (1). According to the invention, the metal sheet is moved from a front end (5) to a back end (6) of the rollformer (1) to provide the sheet with its first flange during its movement, and subsequently the metal sheet is moved from the back end (6) to the front end (5) of the rollformer (1) to provide the sheet with its second flange during its movement. The invention also relates to a rollformer (1) with which it is possible to carry out the above method. <IMAGE>

IPC 1-7

B21D 19/04; **B21D 5/08**

IPC 8 full level

B21D 5/08 (2006.01); **B21D 19/04** (2006.01)

CPC (source: EP)

B21D 5/083 (2013.01); **B21D 19/043** (2013.01)

Citation (search report)

- [A] DE 19612239 A1 19971002 - BACK RICHARD [DE]
- [A] US 4811587 A 19890314 - KNUDSON GARY A [US]
- [A] WO 8303987 A1 19831124 - MASKINGRUPPEN 82 AB [SE]

Cited by

WO2004099522A1; EP1331048A1; WO2013020957A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1138405 A1 20011004; AT E268654 T1 20040615; AU 6209801 A 20011015; CN 1228155 C 20051123; CN 1422192 A 20030604; CZ 20023182 A3 20030514; DE 60103751 D1 20040715; DE 60103751 T2 20041202; EP 1276575 A1 20030122; EP 1276575 B1 20040609; ES 2219526 T3 20041201; PL 357825 A1 20040726; SK 14012002 A3 20030204; WO 0174510 A1 20011011

DOCDB simple family (application)

EP 00201161 A 20000331; AT 01936081 T 20010314; AU 6209801 A 20010314; CN 01807627 A 20010314; CZ 20023182 A 20010314; DE 60103751 T 20010314; EP 0102963 W 20010314; EP 01936081 A 20010314; ES 01936081 T 20010314; PL 35782501 A 20010314; SK 14012002 A 20010314