

Title (en)

Method and apparatus to deform a sheet material into a wave form

Title (de)

Verfahren und Vorrichtung zum wellenartigen Deformieren eines flächigen Materialzuschnitts

Title (fr)

Procédé et dispositif pour déformer sous forme d'ondulation un matériau en feuilles

Publication

EP 0491658 B1 19960228 (DE)

Application

EP 91810955 A 19911209

Priority

CH 401690 A 19901218

Abstract (en)

[origin: EP0491658A1] To deform a sheet material into a wave form, a fixed row (2) of form tools (4) is pressed against a movable row (3) of form tools (5). The form tools of the two rows are in addition simultaneously pushed together, thus reflecting the shortening of the material during the deformation. This ensures that no relative displacement between the material and the end faces (6, 6') of the form tools (4 and 5) takes place even if there are a plurality of shafts with a relatively great height. The movable row of form tools is arranged on a rotor while the fixed row is secured at a work station in the range of rotation of the rotor. <IMAGE>

IPC 1-7

B21D 13/02; **B31F 1/24**

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP3964465A1; DE102013008026A1; EP0960664A1; US8225925B2; US10577186B2; US7956623B2; US8006468B2; EP3372320A1; DE102017105049A1; DE102020123159A1

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