

Title (en)  
METHOD AND APPARATUS FOR ADVANCING PRODUCTS TO BE FORMED

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM VORSCHIEBEN VON ZU FORMENDEN PRODUKTEN

Title (fr)  
PROCÉDÉ ET APPAREIL POUR FAIRE AVANCER DES PRODUITS DEVANT ÊTRE FORMÉS

Publication  
**EP 3666413 A1 20200617 (EN)**

Application  
**EP 19214468 A 20191209**

Priority  
IT 201800011062 A 20181213

Abstract (en)  
An advancing method is disclosed that uses an advancing apparatus (1) to advance a plurality of sheet metal products in sheet form to be formed to perform the following steps: conveying a first product (P1) of a plurality of products (P1, P2, P3) to a first zone (1a) of the advancing apparatus (1); in the first zone (1a) taking first pushing means (2) to abut on the first product (P1) by moving the first pushing means (2) at least along a first direction (D1); advancing said first product (P1) from the first zone (1a) to a second zone (1b) of said advancing apparatus (1) along a second direction (D2) that is transverse to first direction (D1) initially with continuous motion and subsequently with intermittent motion; conveying a second product (P2) of said plurality of products (P1, P2, P3) to said first zone (1a); take said second pushing means (3) to abut movably along said at least one first direction (D1) on said second product (P2); advancing said second product (P2) to the second zone (1b) along said second direction (D2), initially with continuous motion and subsequently with intermittent motion whilst said first product (P1) advances from said first zone (1a) to the second zone (1b); moving in the second zone (1b) said first pushing means (2) away from said first product (P1), moving the first pushing means (2) along a third direction (D3) transverse to said second direction (D2); moving with continuous motion said first pushing means (2) from said second zone (1b) to said first zone (1a) along a fourth direction (D4) parallel to and opposite said second direction (D2) whilst the second pushing means continues to push the second product (P2); again moving said first pushing means (2) along said at least one main direction (D1) to take the first pushing means (2) to abut on a third product (P3) of said plurality of products (P1, P2, P3) that has in the meantime been conveyed to said first zone (1a).

IPC 8 full level  
**B21D 43/06** (2006.01); **B21D 43/02** (2006.01); **B21D 43/04** (2006.01); **B21D 51/44** (2006.01); **B65G 25/02** (2006.01); **B65H 5/16** (2006.01)

CPC (source: CN EP)  
**B21D 43/003** (2013.01 - CN); **B21D 43/026** (2013.01 - EP); **B21D 43/04** (2013.01 - EP); **B21D 43/13** (2013.01 - CN); **B21D 51/44** (2013.01 - CN); **B21D 51/446** (2013.01 - CN EP); **B65H 5/16** (2013.01 - EP); **B65H 2701/173** (2013.01 - EP)

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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3666413 A1 20200617**; **EP 3666413 B1 20210721**; BR 102019026286 A2 20200623; CN 111318620 A 20200623; CN 111318620 B 20230602; IT 201800011062 A1 20200613; JP 2020097490 A 20200625; JP 7496684 B2 20240607; MX 2019014991 A 20200806; RU 2019141042 A 20210615; TW 202028088 A 20200801; TW I822925 B 20231121; ZA 201908295 B 20220330

DOCDB simple family (application)  
**EP 19214468 A 20191209**; BR 102019026286 A 20191211; CN 201911266615 A 20191211; IT 201800011062 A 20181213; JP 2019224529 A 20191212; MX 2019014991 A 20191211; RU 2019141042 A 20191212; TW 108145507 A 20191212; ZA 201908295 A 20191212