

Title (en)
AUTOMATED PIPE FORMING PRESS COMPRISING A LIGHT SOURCE FOR MEASURING THE INTERNAL CONTOUR OF THE PIPE

Title (de)
AUTOMATISIERUNG ROHRFORMPRESSE MIT EINER LICHTQUELLE ZUR MESSUNG DER ROHRINNENKONTUR

Title (fr)
PRESSE DE FORMAGE AUTOMATISÉ DE TUBES COMPORTANT UNE SOURCE LUMINEUSE PERMETTANT DE MESURER LE CONTOUR INTÉRIEUR DES TUBES

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Application
EP 11807641 A 20111216

Priority
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Abstract (en)
[origin: WO2012100802A1] The invention relates to a device for shaping flat products (1) into slit pipes or primary pipe products (2), comprising at least one internal shaping tool (3) for the at least stepwise shaping of the flat product (1) in the radial direction of the cross-section of the slit pipe or primary pipe product to be produced, and at least one external shaping tool (4) for shaping the flat product (1) from the exterior, characterised in that at least one light source (7) and at least one receiver (8) for measuring at least the internal contour of the slit pipe or primary pipe product are connected to at least one internal shaping tool (3). The invention further relates to a method for shaping flat products (1) into slit pipes or primary pipe products (2), with at least one internal shaping tool (3) for shaping the flat product (1) in the radial direction of the cross-section of the slit pipe or primary pipe product to be produced, and at least one external shaping tool (4) for shaping the flat product (1) from the exterior, characterised in that at least one light source (7) and at least one receiver (8) are connected to at least one internal shaping tool (3) and detect the local contour or shape of the shaped flat product (1) at least during the shaping process.

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