

Title (en)
MULTI-WALL METAL ROLL FORMING ASSEMBLY

Title (de)
MEHRWANDIGE METALLWALZFORMANORDNUNG

Title (fr)
ENSEMBLE DE PROFILAGE DE FEUILLE MÉTALLIQUE À PAROIS MULTIPLES

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Application
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Abstract (en)
[origin: WO2017074287A1] The present invention is a multi-wall metal sheet roll forming assembly comprising an upper roller (40) where a metal sheet strip (7) is fed in a lengthwise manner and having a rotation axis (x) adjusted in a parallel manner to the extension axis of the metal sheet strip (7), and an adjacent lower roller (50) where a processing surface (42), which bends the metal sheet strip (7) during rotation, is provided between said lower roller (50) and said upper roller (40). The roll forming assembly comprises a bearing element (20) which holds the upper roller (40) in a manner allowing rotation from the two mutual rotation ends (44), and a drive mechanism (30) adapted to the bearing element (20) in a manner exerting equal compression force through the mutual rotation ends (44) towards the lower roller (50).

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