

Title (en)  
SHEET METAL FOLDING MACHINE

Title (de)  
BLECHBIEGEMASCHINE

Title (fr)  
MACHINE DE PLIAGE DE TÔLE

Publication  
**EP 4186607 A1 20230531 (EN)**

Application  
**EP 22210050 A 20221128**

Priority  
PT 11760821 A 20211126

Abstract (en)  
A double-sided folding machine comprising: a lower stand comprising a lower tool set, comprising a lower clamping tool and a lower bending tool; an upper stand comprising an upper tool set, comprising an upper clamping tool and an upper bending tool; an eccentric mechanism connecting the lower stand to the upper stand, comprising a shaft mounted on lower stand and a wheel with off-centred parallel axis, wherein the shaft is off-centred mounted in wheel in respect of the geometric axis of wheel upon which is mounted the upper stand; wherein the lower and upper clamping tool sets are displaceable in relation to each other by a horizontal offset between a first position for folding upwards and a second position for folding downwards, wherein the geometric axis of wheel rotates off-centred in respect of shaft to displace the upper stand by a horizontal distance of at least said horizontal offset. Also, method of bending sheet metal thereof.

IPC 8 full level  
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CPC (source: EP)  
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Citation (search report)  
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