

Title (en)
FOLDING MACHINE

Title (de)
FALZMASCHINE

Title (fr)
machine à plier

Publication
EP 0986440 B1 20001213 (DE)

Application
EP 98916782 A 19980511

Priority
• CH 9800192 W 19980511
• CH 132697 A 19970603

Abstract (en)
[origin: US6311379B1] The invention relates to a folding machine for producing folded seam connections between partial surfaces (38a) consisting of flat material closed in a tubular form. The inventive folding machine comprises a machine stand (2a, 2b, 2c), a fixed wheel (3), a pressing wheel (4) which is able to move in relation to said fixed wheel (3), and a closing plate (3) which is displaceable in relation to said pressing wheel (4) and which is arranged on a first bearing part (14) in such a way that it can turn. The folding machine also comprises a guiding device (17, 18) by which means the first bearing part (14) swings forward between a final release position and a final pressing position. During the movement between these two final positions, the distance between the edge areas of the closing plate and the pressing wheel (4) which project against the fixed wheel changes, as does the orientation of the closing plate (5). The first bearing part is pulled back relatively slightly to change the pressing wheel, since the area with the closing plate swings up at the same time. There is no need to remove the first bearing part and its guiding device. Said guiding device (17, 18) comprises for example at least two guiding grooves (17) which are slanted in relation to each other. A bearing part, such as a bearing roll (18) is situated in each guiding groove (17), said bearing part being able to move along the groove.

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