

Title (en)  
ROLLER FOLDING HEAD AND METHOD FOR FOLDING A FLANGE

Title (de)  
ROLLFALZKOPF UND VERFAHREN ZUM FALZEN EINES FLANSCHES

Title (fr)  
TETE DE PLIAGE A ROULEMENT ET PROCEDE DE PLIAGE D'UNE BRIDE

Publication  
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Application  
**EP 02798687 A 20020829**

Priority

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Abstract (en)  
[origin: WO03024641A1] The invention relates to a roller folding head. Roller folding heads are used, for instance, when fixing the frame of a sliding roof in an opening in the roof of a vehicle. In order to do this quickly and automatically, the roller folding head is provided with at least two pairs of rollers (8, 10; 9, 11 or 20, 22; 21, 23), each pair of rollers (8, 10; 9, 11 or 20, 22; 21, 23) consisting of a pressing roller and a counter roller which interact in order to bend a flange (32) along a folding line at a specific angle. The folding process is carried out in several stages, one flange being crimped around another flange in a series of partial steps at an angle of 180 DEG . One pair of rollers is provided for each step, at least two thereof being arranged on a roller folding head.

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Citation (search report)  
See references of WO 03024641A1

Cited by  
DE102009024344A1; CN106363092A; DE102007002856B4; FR2955509A1; DE102009024344B4; WO2008068314A2; US8720876B2; WO2008068314A3; WO2008145396A1; US8631996B2; US8408036B2; DE102007002856A1; WO2008086994A1; US9006605B2; DE202015102477U1; EP4186610A1

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