

Title (en)  
ROLLED BELLWS WITH A LARGE RADIUS OF CURVATURE

Title (de)  
ROLLBAG MIT GROSSEM KRÜMMUNGSRADIUS

Title (fr)  
SOUFFLET TUBULAIRE A GRAND RAYON DE COURBURE

Publication  
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Application  
**EP 04765620 A 20040925**

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Abstract (en)  
[origin: WO2005038310A1] The invention relates to rolled bellows (10) for sealing two rotational elements that rotate with each other, can be bent in relation to each other and/or axially displaced in relation to each other, and have a longitudinal and symmetrical axis A. Said rolled bellows comprise a first collar (11) with a small diameter, for fixing to a first rotational element with a small diameter, a second collar (12) with a large diameter, for fixing to a second rotational element (12) with a large diameter, and an annular wall (13) with a diameter that increases between the smaller first collar (11) and the larger second collar (12). During production, before the rolled bellows are mounted, the annular wall (13) has an S-shaped course in the longitudinal cross-section, with an inner curve next to the smaller first collar (11) and an outer curve next to the larger second collar (12).

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