

Title (en)

Apparatus and method for rolling a carpet or a rug

Title (de)

Vorrichtung und Verfahren zum Rollen eines Teppichs oder Läufers

Title (fr)

Appareil et procédé pour enrouler une moquette ou un tapis

Publication

EP 2837588 A2 20150218 (EN)

Application

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Priority

DK PA201370448 A 20130816

Abstract (en)

The present invention relates to an apparatus and method of rolling a carpet, a rug or a mat (1) into a compact configuration for storage where the mat (1) is positioned on an inlet conveyor (10, 11) in an angled position relative to a roller mechanism (12) so that the piles of the mat (1) is substantially aligned with the rolling direction of the roller mechanism (12). The mat (1) may be placed on two or more inlet conveyors (10) for automatic adjustment of the mat's position based on the pile direction sensed by a sensing unit facing the top surface of the mat (1). The sensing unit may comprise a moveable element contacting the top surface and a sensor for sensing the movement of the element. This allows the mat, carpet or rug (1) to be rolled into a compact configuration where the edges are aligned in the same plane. This reduces the risk of damaging the edges during handling or storage and that the edges form a fold when they are unrolled.

IPC 8 full level

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CPC (source: EP)

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C-Set (source: EP)

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Cited by

WO2017067555A1; AU2020318693B2; US2017113893A1; DK178914B1; AU2016343057B2; EP3365255A4; US10442650B2; WO2021013823A1

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DOCDB simple family (publication)

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