

Title (en)

DRUM FOR BUILDING A TIRE ADAPTER ON A RIM

Title (de)

TROMMEL ZUR HERSTELLUNG EINES REIFENADAPTERS AUF EINER FELGE

Title (fr)

TAMBOUR DE CONFECTION D'UN ADAPTATEUR DE PNEUMATIQUE SUR UNE JANTE

Publication

EP 4126521 A1 20230208 (FR)

Application

EP 21717154 A 20210323

Priority

- FR 2002993 A 20200326
- FR 2021050494 W 20210323

Abstract (en)

[origin: WO2021191555A1] Radially expandable building drum (10) designed for manufacturing a tire adapter blank (1) on a rim, with a central shaft with axis X-X' for a building area (50) provided with a plurality of segments (100, 200), the segments comprising grooves (103, 203) for receiving bead cores, and comprising folding-up devices (30, 40) around bead cores arranged on either side of the building area (50) that are suitable for being moved axially toward one another and apart from one another, each fold-up device comprising a plurality of adjacent fold-up arms (31, 41) arranged circumferentially on the drum, where each fold-up arm has a proximal end (32, 42) suitable for folding-up the components around the bead cores, characterized in that the proximal end (32) of each arm of at least one of the fold-up devices (30) comprises at least two adjacent toroidal spiral springs (321, 322), each being designed to come in contact with the blank.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2021191555A1

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