

Title (en)

Sheet metal accumulator of the loop type with traction winding and corresponding method

Title (de)

Schlaufenförmiger Bandmetallspeicher zum Wickeln unter Zug und zugehöriges Verfahren

Title (fr)

Accumulateur de bandes métalliques en forme de boucle pour un enroulement sous traction et méthode correspondante

Publication

EP 2149408 A1 20100203 (EN)

Application

EP 09166379 A 20090724

Priority

IT MI20081395 A 20080729

Abstract (en)

A sheet metal accumulator (1) of the loop type with traction winding is disclosed, comprising at least one external mobile turntable (6), an internal fixed turntable (7), coaxial with the mobile one, and a helical path (15) integral to the internal fixed turntable (7). The two turntables (6, 7) carry a plurality of rolls (8), suited to carry loops of sheet metal, which are mounted on swinging arms (9) connected to one another by tie rods (10) and driven by hydraulic means (11), operation of the swinging arms (9) being controlled by a logic unit which preferably controls also the adjustment means (3) and the mobile turntable (6) to control and adjust at least the tension of the sheet metal (20) entering the accumulator (1).

IPC 8 full level

B21C 49/00 (2006.01)

CPC (source: EP)

B21C 49/00 (2013.01)

Citation (applicant)

- KR 20040039921 A 20040512 - LEE SANG YONG
- KR 20040039920 A 20040512 - LEE SANG YONG

Citation (search report)

- [X] KR 20040039921 A 20040512 - LEE SANG YONG
- [X] KR 20040039920 A 20040512 - LEE SANG YONG
- [A] KR 20040037832 A 20040508 - DMC TECH CORP
- [A] WO 2006028328 A1 20060316 - KIM JIN HYO [KR], et al
- [A] WO 0061312 A1 20001019 - WONJIN IND CO LTD [KR], et al
- [A] JP S5924527 A 19840208 - ISHIKAWAJIMA HARIMA HEAVY IND

Cited by

CN105170843A; CN103303721A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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