

Title (en)

A WINDING MACHINE AND WINDING CAGE FOR A HELICALLY WOUND PIPE

Title (de)

WICKELMASCHINE UND WICKELKÄFIG FÜR EINE SPIRALFÖRMIG GEWUNDENE RÖHRE

Title (fr)

MACHINE D'ENROULEMENT ET CAGE D'ENROULEMENT POUR TUYAU ENROULÉ EN HÉLICE

Publication

EP 2828065 A4 20151223 (EN)

Application

EP 13763598 A 20130322

Priority

- AU 2012901163 A 20120322
- AU 2012901162 A 20120322
- AU 2013000301 W 20130322

Abstract (en)

[origin: WO2013138868A1] A winding cage for winding a helically wound pipe from an elongate ribbed strip having opposed joinable edge portions is disclosed. The winding cage includes: a curved primary frame, the curved primary frame describing a primary arc of at least 120 degrees; a strip guiding assembly disposed around and supported by the curved primary frame, the strip guiding assembly arranged to guide a strip around a helical path, the strip guiding assembly defining a strip path, the strip path forming at least a portion of a helix having a longitudinal axis; and a plurality of arms spread circumferentially around and extending from the curved primary frame in a direction having a component parallel to the longitudinal axis, the arms forming part of the strip guiding assembly and arranged to support respective guide sub-assemblies.

IPC 8 full level

B29C 63/32 (2006.01); **B29C 53/72** (2006.01); **B29C 53/78** (2006.01); **F16L 55/165** (2006.01); **F16L 55/18** (2006.01)

CPC (source: EP)

B29C 53/72 (2013.01); **B29C 53/785** (2013.01); **B29C 63/32** (2013.01); **F16L 55/1655** (2013.01); **F16L 55/18** (2013.01)

Citation (search report)

- [X] JP 2011106561 A 20110602 - SEKISUI CHEMICAL CO LTD
- [X] JP 2012006288 A 20120112 - SEKISUI CHEMICAL CO LTD
- [X] WO 2006108216 A1 20061019 - RIB LOC AUSTRALIA [AU], et al
- [A] US 4995929 A 19910226 - MENZEL STANLEY W O [AU]
- [A] JP S62103127 A 19870513 - ADACHI KENSETSU KOGYO KK
- See references of WO 2013138869A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2013138868 A1 20130926; AU 2013203971 A1 20131010; AU 2013203971 B2 20160114; AU 2013203971 C1 20160721; AU 2013203982 A1 20131010; AU 2013203982 B2 20160428; EA 201491660 A1 20150430; EA 201491661 A1 20150331; EP 2828065 A1 20150128; EP 2828065 A4 20151223; EP 2828066 A1 20150128; EP 2828066 A4 20151125; NZ 629904 A 20160826; NZ 629912 A 20160429; TW 201402305 A 20140116; TW 201418608 A 20140516; WO 2013138869 A1 20130926

DOCDB simple family (application)

AU 2013000300 W 20130322; AU 2013000301 W 20130322; AU 2013203971 A 20130322; AU 2013203982 A 20130322; EA 201491660 A 20130322; EA 201491661 A 20130322; EP 13763598 A 20130322; EP 13763876 A 20130322; NZ 62990413 A 20130322; NZ 62991213 A 20130322; TW 102110218 A 20130322; TW 102110219 A 20130322