

Title (en)
A circular knitting machine with a fine gauge

Title (de)
Kreisstrickmaschine mit feiner Spurweite

Title (fr)
Machine à tricoter circulaire à réglage fin

Publication
EP 2708624 A1 20140319 (EN)

Application
EP 12184445 A 20120914

Priority
EP 12184445 A 20120914

Abstract (en)
A circular knitting machine with a fine gauge includes a circular cylinder (10) and a sinker holder (20) annularly located on an outer side of the circular cylinder (10). The circular cylinder (10) has a plurality of knitting needles (12) parallel with the axial direction (A) of the circular cylinder (10) to move alternately, and an annular top surface (13) corresponding to the knitting needles (12). The sinker holder (20) has a plurality of retaining slots (21) to hold a plurality of sinkers (22). Each sinker (22) has a slide edge (221), a movement edge (222) extended from the slide edge (221) at the same elevation to the annular top surface (13) and located above the annular top surface (13), and a loop forming nose (223) located between two neighboring knitting needles (12). Each retaining slot (21) has a leaning surface (211) in contact with the slide edge (221) to allow the sinker (22) to move towards the annular top surface (13) to proceed a loop forming movement.

IPC 8 full level
D04B 9/02 (2006.01); **D04B 15/06** (2006.01); **D04B 35/02** (2006.01)

CPC (source: EP)
D04B 9/02 (2013.01); **D04B 15/06** (2013.01); **D04B 35/02** (2013.01)

Citation (applicant)
WO 2012055591 A1 20120503 - SANTONI & C SPA [IT], et al

Citation (search report)
• [XYI] US 2010212365 A1 20100826 - JUERGENS ERIC [DE], et al
• [Y] EP 2063009 A1 20090527 - GROZ BECKERT KG [DE]
• [AD] WO 2012055591 A1 20120503 - SANTONI & C SPA [IT], et al
• [A] EP 1524348 A1 20050420 - LONATI SPA [IT]

Cited by
CN108149373A

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

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