

Title (en)
CAGE ASSEMBLY HAVING A GUIDE ELEMENT

Title (de)
KAEFIGAGGREGAT MIT FUEHRUNGSELEMENT

Title (fr)
GROUPE DE CAGE AVEC ÉLÉMENT DE GUIDAGE

Publication
EP 3198066 A1 20170802 (DE)

Application
EP 15771287 A 20150918

Priority
• CH 14342014 A 20140923
• IB 2015057193 W 20150918

Abstract (en)
[origin: WO2016046712A1] The invention relates to a cage assembly (1) for a drafting unit of a textile machine, comprising a cage (3) for guiding two small guide belts (4a, 4b) looped around a pressure roller twin (2), a cage support (13) that is releasably fastened at a central fastening point (23) of the cage (3) having two end walls (35a, 35b) facing away from each other, and a guide element (14), the respective end (14a, 14b) of which projects beyond the two end walls (35a, 35b) of the cage support (13), wherein the cage (3) has one each deflecting edge (8a, 8b) for deflecting the small guide belts (4a, 4b). In order to avoid a rotation of the guide element (14) about the central fastening point (23) of the cage (3), the cage assembly (1) has at least one support element (25) located between the respective deflecting edges (8a, 8b) and the guide element (14) at a distance (24) to the central fastening point (23) of the cage (3) for supporting the respective end (14a, 14b) of the guide element (14).

IPC 8 full level
D01H 5/26 (2006.01); **D01H 5/86** (2006.01)

CPC (source: CN EP)
D01H 5/56 (2013.01 - CN); **D01H 5/86** (2013.01 - EP)

Citation (search report)
See references of WO 2016046712A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016046712 A1 20160331; CH 710141 A1 20160331; CN 107109713 A 20170829; CN 107109713 B 20200221; EP 3198066 A1 20170802; EP 3198066 B1 20180131

DOCDB simple family (application)
IB 2015057193 W 20150918; CH 14342014 A 20140923; CN 201580051149 A 20150918; EP 15771287 A 20150918