

Title (en)
Clearer unit for draft rollers

Title (de)
Reinigungseinheit für Verzugszylinder

Title (fr)
Unité de nettoyage pour rouleaux d'étirage

Publication
EP 0735169 A3 19970709 (EN)

Application
EP 96104345 A 19960319

Priority
JP 7268895 A 19950330

Abstract (en)
[origin: EP0735169A2] In a clearer unit for draft rollers arranged to cause endless clearer belts (11, 21) to travel in contact with the peripheral surfaces of the draft rollers, when a roller gauge is to be changed in accordance with a change of a type of fiber yarn, the adjustment of the locations where urging members (13, 23) for urging the clearer belt (11, 21) is made unnecessary by such an arrangement that each of the urging members (13, 23) includes a multiplicity of contact pieces (13b, 23b) the number of which is greater than that of the disposed draft rollers and further the contact pieces (13b, 23b) are disposed along the traveling direction of the clearer belts (11, 21) in a draft zone, so that the clearer belts (11, 21) are pressed against the peripheral surfaces of the draft rollers through these contact pieces (13b, 23b). <IMAGE>

IPC 1-7
D01H 5/64

IPC 8 full level
D01H 5/64 (2006.01)

CPC (source: EP)
D01H 5/64 (2013.01)

Citation (search report)

- [Y] DE 4031769 A1 19920409 - SCHURR STAHLLECKER & GRILL [DE]
- [YA] US 4317261 A 19820302 - ADAMSON FLETCHER D
- [A] GB 2063930 A 19810610 - MURAO Y
- [A] EP 0503542 A1 19920916 - MURAO BOKI KK [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 17, no. 364 (C - 1081) 9 July 1993 (1993-07-09)

Cited by
CN105862189A; EP2573226A3; CN111790649A; WO2018205256A1

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