

Title (en)
OPEN-END SPINNING DEVICE

Publication
EP 0235134 B1 19890208 (DE)

Application
EP 85905605 A 19851111

Priority
DE 3441493 A 19841113

Abstract (en)
[origin: WO8602955A1] An open-end spinning device with two friction rolls driven in the same direction, which form a spinning gap, whereby the friction roll that rotates into the spinning gap is designed as a suction roll, and in which the fibres which are fed into the spinning gap are twisted into a thread in a yarn-forming region. At least one of the friction rolls (1, 2) possesses, in the spinning gap (3) in the yarn-forming region (G), a cut-out (I) which is subjected to an underpressure. The width of the cut-out (I) extends in the peripheral direction of the yarn-forming region (G) over the plane (A) linking the axes of the friction rolls (1, 2) on the side which moves away from the spinning gap (3).

IPC 1-7
D01H 1/135

IPC 8 full level
D01H 4/16 (2006.01)

CPC (source: EP US)
D01H 4/16 (2013.01 - EP US)

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
WO 8602955 A1 19860522; BR 8507027 A 19870106; DE 3441493 A1 19860515; DE 3568195 D1 19890316; EP 0235134 A1 19870909; EP 0235134 B1 19890208; IN 166677 B 19900630; JP S62501157 A 19870507; US 4697410 A 19871006

DOCDB simple family (application)
DE 8500447 W 19851111; BR 8507027 A 19851111; DE 3441493 A 19841113; DE 3568195 T 19851111; EP 85905605 A 19851111; IN 1026MA1985 A 19851224; JP 50499185 A 19851111; US 86155886 A 19860630