

Title (en)  
FEEDING AND OPENING DEVICE FOR AN OPEN-END SPINNING MACHINE

Publication  
**EP 0291711 B1 19910703 (DE)**

Application  
**EP 88106283 A 19880420**

Priority  
DE 3716727 A 19870519

Abstract (en)  
[origin: EP0291711A1] In the production of yarn by the open-end spinning process, a sliver is opened by an opening roller, equipped with card clothing, and the fibres are singularised by combing out of the sliver. The opening roller rotates in a housing. It is state of the art to assemble the housing and also the intake trough, which is necessary only for feeding the sliver, from individual parts. The gaps between the parts can trap fibres which in turn catch subsequent fibres. The formation of fibre clumps, and also clumps which have torn loose, cause yarn faults. The production of yarn faults caused in that way is avoided when the intake trough (8) forms part of the housing (1) of the opening roller (2), the housing (1) being constructed as a single component at least from the intake trough (8) to the opening (18) for leading the fibres (13) into the duct (19) which leads to the spinning element. The housing (1) and the intake roller (6) are movable relative to one another. <IMAGE>

IPC 1-7  
**D01H 4/32**

IPC 8 full level  
**D01H 4/32** (2006.01); **D01H 4/36** (2006.01)

CPC (source: EP US)  
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Cited by  
US5185994A; DE4101315C2

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**EP 0291711 A1 19881123; EP 0291711 B1 19910703**; DE 3716727 A1 19881201; DE 3716727 C2 19960718; DE 3863485 D1 19910808; JP 2550150 B2 19961106; JP S63303133 A 19881209; US 4825637 A 19890502

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