

Title (en)
SPINNING HEAD AND FILTER DEVICE FOR SAID TYPE OF SPINNING HEAD

Title (de)
SPINNkopf UND FILTEREINRICHTUNG FÜR DERARTIGEN SPINNkopf

Title (fr)
TETE A FILER ET DISPOSITIF FILTRE POUR UNE TETE DE FILAGE

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Application
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Abstract (en)
[origin: WO2005045104A1] The invention relates to a spinning head which is used to melt spin a plurality of synthetic filaments, and to a filter device for said type of spinning head. A filter device is arranged between an inlet plate comprising a melt inlet and a die base comprising several die holes, said filter device comprising a cylindrically-shaped filter ring element which can be cross-flown from the outside to the inside. A separate second filter ring element is associated with the first filter ring element in order to form a sufficient filter surface with large melt through-put rates, said second ring element being arranged at a distance in relation to the outer lying first filter ring element. A first partial flow of the melt is guided through the first filter ring element from the outside to the inside and a second partial flow of the melt is guided through the second filter ring element from the inside to the outside in order to combine them together in a release chamber formed between the filter ring elements.

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