

Title (en)
APPARATUS TO UNRAVEL THREADS FROM A TISSUE

Publication
EP 0193750 B1 19900404 (DE)

Application
EP 86101645 A 19860208

Priority
DE 3507450 A 19850302

Abstract (en)
[origin: US4736499A] Equipment for unraveling threads out of a fabric, in particular cross-threads in the end areas of fabrics produced for papermaking machines, comprising an unraveling assembly including a sensor head for determining the precise course of cross-threads to be removed, an unraveling head transversely displaceable with respect to the cross-threads and having at least one unraveling needle capable of vertical reciprocation into and out of the fabric for capturing and lifting a cross-thread out of the fabric, needle reciprocation means for selective vertical reciprocation of the unraveling needle and cutter means for selectively cutting off cross-thread ends lifted out of the fabric by the unraveling needle. The equipment further includes support means for mutually supporting the unraveling assembly and the fabric in working relationship, tracking control means including means for transversely displacing the unraveling head corresponding to the path of cross-threads to be removed as ascertained by the sensor head and longitudinal displacement means operably associated with the unraveling assembly for providing a stepwise relative displacement between the fabric and the unraveling assembly in the longitudinal direction of the cross-threads to be removed.

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D21F 1/00

IPC 8 full level
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CPC (source: EP US)
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