

Title (en)  
CUTTING DEVICE FOR WARP-KNITTED FABRICS

Title (de)  
SCHNEIDVORRICHTUNG FÜR KETTENGEWIRKE

Title (fr)  
DISPOSITIF DE COUPE POUR TISSUS TRICOTES EN CHAÎNE

Publication  
**EP 1590518 A2 20051102 (DE)**

Application  
**EP 04706594 A 20040130**

Priority  
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Abstract (en)  
[origin: WO2004070098A2] The cutting device is equipped with a feeding device (10) for a warp-knitted fabric (4). The warp-knitted fabric has at least two warps (6), between which floating weft yarns (8) are placed. The cutting device is also equipped with a cutting implement (22) for cutting through the weft yarns (8) and with a leading away device (24) for the severed warps (6) that serve as effect yarns. In order to improve the cutting device, the cutting implement (22) comprises guide elements (32, 34) with projecting guide edges (36, 38) serving to support the weft yarns (8) to be cut. The guide edges (36, 38) form a gap (40) between them into which a rotating blade (42) extends. The guide elements (32, 34) also contain, on the sides facing away from the guide edges (36, 38), rebounding guide surfaces (44, 46) for the warps (6).

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