

Title (en)  
POWER WEAVING LOOM

Title (de)  
WEBMASCHINE

Title (fr)  
METIER A TISSER MECANIQUE

Publication  
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Application  
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Abstract (en)  
[origin: US6044870A] PCT No. PCT/CH96/00077 Sec. 371 Date Mar. 2, 1998 Sec. 102(e) Date Mar. 2, 1998 PCT Filed Mar. 6, 1996 PCT Pub. No. WO96/33304 PCT Pub. Date Oct. 24, 1996A weaving machine includes a device for forming a shed from warp threads, a weft thread insertion unit for the insertion of a weft thread into the shed, guide elements for the weft thread insertion unit, wherein the guide elements can move into and out of the shed, and a weaving reed containing weaving reed dents for beating up an inserted weft thread at the knock-off of a woven fabric to be produced. One of the guide elements is associated with each corresponding weaving reed dent after two or more weaving reed dent pitches so as to extend in the same plane as the center plane of the weaving reed dent, wherein the center plane extends in the movement direction of the guide element, and wherein a deflecting member for the warp thread is arranged between the weaving reed dent and the guide elements, wherein the deflecting member widens out on either side of the center plane in the direction of the weft thread pattern and is formed integral with the weaving reed dent, and wherein the deflecting member extends, starting from the bottom, to below the knock-off line of the weaving reed.

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