

Title (en)  
**WEAVING MACHINE**

Publication  
**EP 0108183 B1 19860910 (DE)**

Application  
**EP 82810473 A 19821108**

Priority  
**EP 82810473 A 19821108**

Abstract (en)  
[origin: US4527598A] Two sensors are arranged on the catch side of the weaving shed of the weaving machine. These two sensors scan the length of the weft-thread end which protrudes from the weaving shed beyond the catch side end thereof and define a range of reference or set values for the length of the protruding weft-thread end. When the front end of the weft-thread, upon standstill of the weft thread after the weft insertion operation, is located within the range of the reference or set values, there is not accomplished readjustment of the weft-thread brake. When the front end of the weft thread falls short or upstream of a first one of the two sensors which is placed close to the catch side end of the weaving shed, then the closure of the weft-thread brake is effected at a later moment of time during the next weft insertion operation. When the end of the weft-thread passes beyond or downstream of a second one of the two sensors which is placed further from the catch side end of the weaving shed, then the weft-thread brake is readjusted so as to close at an earlier moment of time. A minimum of weft-thread waste thus results and the ends of the weft thread always have substantially the same length.

IPC 1-7  
**D03D 47/28**

IPC 8 full level  
**D03D 47/28** (2006.01); **D03D 51/34** (2006.01)

CPC (source: EP US)  
**D03D 47/28** (2013.01 - EP US); **D03D 51/34** (2013.01 - EP US)

Cited by  
EP0171057A3; FR2567926A1; CN102776672A; EP0229432A3; DE3529110C1; EP0716171A3; US5606998A

Designated contracting state (EPC)  
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