

Title (en)  
LOOM DOBBY WITH A LEVER SYSTEM

Publication  
**EP 0059232 B1 19840711 (DE)**

Application  
**EP 81101483 A 19810302**

Priority  
EP 81101483 A 19810302

Abstract (en)  
[origin: US4458727A] Two rotation heddle frame units pivotally engage the respective ends of a differential lever, which units move the center of the differential lever in a patternlike manner between three different positions. The movement of the center of the differential lever is transmitted, through a rocking lever, onto a plate which, in spite of the three different lever positions, moves an angle lever and thus the heddle frame into only two positions, namely, the upper and lower shed positions. The heddle frame moves without any intermediate stop between its two end positions. Since each lifting unit stands still during the operating movement of the other unit, this standstill time, together with the duration of a possible shed standstill of the weaving machine, is available for actuating the lifting unit, and a higher weaving speed is thus possible.

IPC 1-7  
**D03C 1/00**

IPC 8 full level  
**D03C 1/00** (2006.01); **D03C 1/06** (2006.01); **D03C 1/14** (2006.01)

CPC (source: EP US)  
**D03C 1/00** (2013.01 - EP US)

Cited by  
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**EP 0059232 A1 19820908; EP 0059232 B1 19840711**; BR 8201045 A 19830104; DE 3164644 D1 19840816; JP H0138894 B2 19890817; JP S57167431 A 19821015; US 4458727 A 19840710

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**EP 81101483 A 19810302**; BR 8201045 A 19820301; DE 3164644 T 19810302; JP 3185082 A 19820302; US 35293082 A 19820226