

Title (en)  
Spreader.

Title (de)  
Spreizwerkzeug.

Title (fr)  
Ecarteur.

Publication  
**EP 0496057 B1 19951011 (DE)**

Application  
**EP 91120348 A 19911128**

Priority  
DE 4101532 A 19910119

Abstract (en)  
[origin: EP0496057A1] For individually coupling or uncoupling the heald frames to or from the drive rods or heald frame motions of a loom, a tool was developed with which the connection region of the drive rod and heald frame can be engaged from the top side of the loom, i.e. from above the heald frames. This represents a considerable easing of work as against the method of work hitherto and also gives a reduction in time for assembly and disassembly. <IMAGE>

IPC 1-7  
**D03J 3/00; D03C 9/00**

IPC 8 full level  
**D03C 13/00** (2006.01); **D03C 9/00** (2006.01); **D03J 3/00** (2006.01)

CPC (source: EP US)  
**D03C 9/00** (2013.01 - EP US); **D03J 3/00** (2013.01 - EP US); **Y10T 29/53635** (2015.01 - EP US); **Y10T 29/53683** (2015.01 - EP US)

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**EP 0496057 A1 19920729; EP 0496057 B1 19951011**; DE 4101532 A1 19920723; DE 59106679 D1 19951116; JP H05195363 A 19930803;  
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**EP 91120348 A 19911128**; DE 4101532 A 19910119; DE 59106679 T 19911128; JP 150992 A 19920108; US 82260292 A 19920117