

Title (en)
Heald with reduced play

Title (de)
Litze mit vermindertem Spiel

Title (fr)
Lisse avec jeu réduit

Publication
EP 1514961 A3 20051130 (DE)

Application
EP 04019247 A 20040813

Priority
DE 10342577 A 20030915

Abstract (en)
[origin: EP1514961A2] A textile loom heald has end-eyes (15, 16) with a spine cross-piece linking a head zone with a root zone, each terminating in two opposing hooks. The gap between the roots of the two opposing hooks is no more than 17.5 mm.

IPC 1-7
D03C 9/02; **D03C 9/06**

IPC 8 full level
D03C 9/00 (2006.01); **D03C 9/02** (2006.01); **D03C 9/06** (2006.01); **D03C 13/00** (2006.01)

CPC (source: EP KR US)
D03C 9/02 (2013.01 - EP KR US); **D03C 9/0633** (2013.01 - EP KR US)

Citation (search report)

- [A] US 2003150506 A1 20030814 - BAUMANN HANS [CH], et al
- [A] US 6230756 B1 20010515 - BAUMANN HANS [CH], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 07 3 July 2003 (2003-07-03)

Cited by
KR100623407B1; EP1743966A1; US7798325B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1514961 A2 20050316; **EP 1514961 A3 20051130**; **EP 1514961 B1 20100127**; CN 1598107 A 20050323; CN 1598107 B 20120704; DE 10342577 A1 20050414; DE 10342577 B4 20050721; DE 502004010698 D1 20100318; JP 2005089955 A 20050407; JP 4621461 B2 20110126; KR 100623407 B1 20060919; KR 20050027928 A 20050321; TW 200526830 A 20050816; TW I271452 B 20070121; US 2005087252 A1 20050428; US 7204274 B2 20070417

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EP 04019247 A 20040813; CN 200410085522 A 20040914; DE 10342577 A 20030915; DE 502004010698 T 20040813; JP 2004261533 A 20040908; KR 20040073322 A 20040914; TW 93127691 A 20040914; US 93946204 A 20040914