

Title (en)
Weft carrying gripper for gripper looms

Title (de)
Bringergreifer für Greiferwebmaschinen

Title (fr)
Griffe porteuse pour métiers à tisser à griffes

Publication
EP 0441099 B1 19960131 (DE)

Application
EP 90810955 A 19901206

Priority
CH 35390 A 19900205

Abstract (en)
[origin: EP0441099A1] The weft-carrier gripper for a gripper loom having a horizontal weft feed possesses a head part (1) which is upwardly open. A wide sliding surface (5) protects the warp yarns, and the low centre of gravity reduces the tendency of the head part (1) to lift off from the sliding track when the weft yarn (4) is being drawn into the shed (30). The yarn clamp (3) retaining the weft yarn (4) horizontally has a fin-shaped part (17), by means of which the weft yarn (4) is deflected downwards before it enters the clamp (3). Various alternatives are provided for the yarn guide (10), located on the same side as the reed, of the gripper head (1). <IMAGE>

IPC 1-7
D03D 47/20

IPC 8 full level
D03D 47/23 (2006.01)

CPC (source: EP US)
D03D 47/233 (2013.01 - EP US)

Cited by
EP1806443A1; EP0893524A1; EP0811712A1; BE1010334A3; EP0657569A1; EP0812938A1; US5899242A; WO2010142264A1; WO9747792A1; WO9929944A1

Designated contracting state (EPC)
BE DE FR IT

DOCDB simple family (publication)
EP 0441099 A1 19910814; EP 0441099 B1 19960131; DE 59010104 D1 19960314; JP H04214439 A 19920805; US 5129431 A 19920714

DOCDB simple family (application)
EP 90810955 A 19901206; DE 59010104 T 19901206; JP 1344691 A 19910204; US 64667191 A 19910128