

Title (en)

Air-jet weaving machine with a spreading device on the temple table.

Title (de)

Luftwebmaschine mit einem Ausbreitelement am Breithaltertisch.

Title (fr)

Machine à tisser pneumatique avec un dispositif d'élargissement sur le temple.

Publication

**EP 0412294 B1 19940824 (DE)**

Application

**EP 90112811 A 19900705**

Priority

DE 3926525 A 19890810

Abstract (en)

[origin: EP0412294A1] What is described is an air-jet weaving machine having a weaving reed (1) and a weft insertion channel (2) arranged in the weaving reed, a temple table (7) being arranged in front of the weaving reed (1). <??>The basic object here is to process very fine yarns with a high weft density in an operationally reliable manner, whilst at the same time preserving an excellent product quality. <??>For this, in the region of the front fabric deflection there is integrated in the temple table (7) a spreading element (20) which grasps at least the edge region of the material web. <??>In a further embodiment, a spreading element (21) is arranged not only at the front entrance of the temple table (7) but also at its rear exit. <IMAGE>

IPC 1-7

**D03J 1/22**; D03D 47/30

IPC 8 full level

**D03D 47/30** (2006.01); **D03D 49/22** (2006.01); **D03J 1/22** (2006.01)

CPC (source: EP US)

**D03J 1/22** (2013.01 - EP US)

Cited by

EP0716172A3; DE4205514A1; EP0557724A1

Designated contracting state (EPC)

BE CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0412294 A1 19910213**; **EP 0412294 B1 19940824**; DE 3926525 A1 19910214; DE 59006890 D1 19940929; JP 2620398 B2 19970611; JP H03137251 A 19910611; US 5070912 A 19911210

DOCDB simple family (application)

**EP 90112811 A 19900705**; DE 3926525 A 19890810; DE 59006890 T 19900705; JP 20666490 A 19900803; US 56474690 A 19900808