

Title (en)

Weaving rotor for a linear-shed multiphase loom

Title (de)

Webrotor für eine Reihenfachwebmaschine

Title (fr)

Rotor de tissage pour un métier à tisser multiphasé à foule linéaire

Publication

**EP 0584432 B1 19960417 (DE)**

Application

**EP 92810663 A 19920828**

Priority

EP 92810663 A 19920828

Abstract (en)

[origin: EP0584432A1] The invention shows, for a linear-shed multi-phase loom, weaving rotors with relay nozzles (3) which are fed with compressed air within the weaving rotor by means of an air-distributing system (10) via transfer stations distributed in the axial direction, in order to generate a travelling wave (22) in relation to the weaving rotor. At the same time, the transfer stations (6), which each feed a group (31) of relay nozzles (3) via a supply channel (11), are mounted adjustably in the direction of rotation (41) and are connected to an adjusting device (27, 33), via which the rotary angle (8) between the transfer orifices (7) of different transfer stations (6) is adjustable on the wide side (72, 73) of the weaving rotor (1). This, even with a reduced weaving width (36), makes it possible to utilise the maximum possible weft-insertion angle alpha along with the highest possible weft-insertion speed. <IMAGE>

IPC 1-7

**D03D 47/30**

IPC 8 full level

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CPC (source: EP US)

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