

Title (en)
WEFT INSERTION NOZZLE FOR AIR JET LOOMS

Publication
EP 0162175 B1 19871125 (DE)

Application
EP 84810244 A 19840521

Priority
EP 84810244 A 19840521

Abstract (en)
[origin: US4669514A] In the weft insertion nozzle arrangement containing at least two weft insertion nozzles the mixing tube of one weft insertion nozzle is set with its outflow or discharge end of end region parallel to a weft insertion line. The outflow or discharge end or end region of the mixing tube associated with the other weft insertion nozzle is set at a small angle of about 3 DEG relative to the weft insertion line. The entire weft insertion nozzle arrangement is fixedly mounted at a weaving machine member carrying such weft insertion nozzle arrangement. Movable control members for displacing the weft insertion nozzles and faulty operations associated therewith are thus eliminated. Tests have shown that the weft insertion can be reliably accomplished even when the mixing tube of the other weft insertion nozzle is set at such small angle of inclination relative to the weft insertion line.

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D03D 47/38

IPC 8 full level
D03D 47/30 (2006.01); **D03D 47/38** (2006.01)

CPC (source: EP US)
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EP 0162175 A1 19851127; EP 0162175 B1 19871125; BR 8502367 A 19860121; DE 3467782 D1 19880107; IN 164074 B 19890107; JP S60252753 A 19851213; SU 1369676 A3 19880123; US 4669514 A 19870602

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EP 84810244 A 19840521; BR 8502367 A 19850520; DE 3467782 T 19840521; IN 350CA1985 A 19850506; JP 10623185 A 19850520; SU 3890299 A 19850514; US 73346285 A 19850513