

Title (en)

Air-jet loom with weft yarn detector

Title (de)

Luftdüsen-Webmaschine mit Schussfadendetektor

Title (fr)

Métier à tisser à jet d'air avec détecteur de fil de trame

Publication

EP 2873759 B1 20170621 (EN)

Application

EP 14191005 A 20141030

Priority

JP 2013236127 A 20131114

Abstract (en)

[origin: EP2873759A1] A weft yarn detector is adapted to be used in an air-jet loom, in which weft insertion of a weft yarn through a reed passage is performed by air jet from a main nozzle and auxiliary nozzles. An optical sensor for detecting the extent of slack of the weft yarn is located in the reed passage at a position close to the main nozzle.

IPC 8 full level

D03D 47/30 (2006.01); **D03D 51/34** (2006.01)

CPC (source: CN EP)

D03D 47/30 (2013.01 - CN); **D03D 47/3073** (2013.01 - EP); **D03D 47/3093** (2013.01 - EP); **D03D 51/34** (2013.01 - EP); **D03J 1/04** (2013.01 - CN)

Cited by

CN107201594A; CN109943967A; WO2020055301A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2873759 A1 20150520; **EP 2873759 B1 20170621**; CN 104630976 A 20150520; CN 104630976 B 20160525; JP 2015094059 A 20150518; JP 6190250 B2 20170830

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