

Title (en)
Needle machine

Title (de)
Nadelmaschine

Title (fr)
Aiguilleteuse

Publication
EP 2072651 B1 20130116 (DE)

Application
EP 08170472 A 20081202

Priority
DE 102007061889 A 20071220

Abstract (en)
[origin: EP2072651A2] A sewing machine for a non-woven fibre fleece has a multi-part machine frame (1) consisting of a top (2) and bottom (3) parts that together support aggregate units (9.1, 9.2) one of which (9.1) has an oscillating multi-needle beam (6). The second aggregate unit (9.2) has a fleece support bench (10) with a number of top-mounted columns (4.1, 4.2) that maintain separation between the lower and upper frames (2), and end-supports (14.1, 14.2) at opposite ends of the under the upper frame (3). The sewing machine further has semi-elastic stud bolts (12) for oscillating loads at each side that hold the upper and lower frames and their aggregates in a single unit.

IPC 8 full level
D04H 18/02 (2012.01); **D04H 18/00** (2012.01)

CPC (source: EP)
D04H 18/00 (2013.01); **D04H 18/02** (2013.01)

Designated contracting state (EPC)
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