

ABSTRACT

COMPUTER-CONTROLLED GROUND MESH JACQUARD KNITTING MACHINE

A computer-controlled ground mesh jacquard knitting machine, which includes a set of yarn feeders supported on the machine base, a set of needles mounted
5 on a needle cylinder, a set of first needle jacks respectively coupled to the needles, a set of second needle jacks respectively coupled to the first needle jacks, lifting cam means controlled to lift the needles and the first
10 needle jacks, the lifting cam means having needle lifting guide blocks and flat guide blocks and needle descending guide blocks respectively arranged in an outer track thereof, and needle lifting guide blocks arranged in an inner track thereof, and a needle selector mounted below the lifting cam means, wherein the needle selector is
15 controlled to selectively drive the second needle jacks when the needles and the first needle jacks are moved by the lifting cam means causing the needles to achieve a ground mesh jacquard knitting operation.

(FIGURE 1A IS SUGGESTED FOR PUBLICATION)