

SINKER EQUIPPED WITH LUBRICATION OIL CHANNELING AND SEPARATING STRUCTURE

Abstract

A sinker equipped with lubrication oil channeling and
5 separating structure is an element of a knitting machine which
includes at least a dial, a sinker disc, an oil ejection nozzle to
sprinkle lubrication oil and a yarn feeder. The dial includes a
plurality of needle troughs to hold respectively a knitting
needle. The sinker disc includes a plurality of sinker troughs to
10 hold the sinker. The sinker includes a base located in the sinker
troughs, a driving nub located above the base, a knitting portion
located at a front end of the base, an oil sprinkling zone
interposed between the base and the knitting portion, and a
lubrication oil channeling and separating structure interposed
15 between the knitting portion and the oil sprinkling zone. The
lubrication oil channeling and separating structure includes a
separating slot, a flow channeling portion and an oil blocking
portion that are around the separating slot.

FIG.5