

Title (en)
CARDING MACHINE.

Title (de)
KARDE.

Title (fr)
MACHINE DE CARDAGE.

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Application
EP 92916345 A 19920723

Priority
• GB 9116083 A 19910725
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Abstract (en)
[origin: WO9302236A1] There is disclosed a carding machine (100) which comprises feed means (2), a taker-in (3), a main carding cylinder (4), a doffer (6), and a stripper arrangement (7), in which a plenum chamber (11) is located at any region of the machine (100) where waste material is generated or collected during operation of the machine (e.g. at the feed end (2) of the machine; over the taker-in (3), stripping arrangement (7); within the envelope of the path of travel of flats (5); or within one of the return ends (36, 37) for the path of travel of flats (5)), an impeller (14) mounted for rotation at high speed within the plenum chamber (11), and having a formation which will cause turbulent flow within the chamber so as to suspend waste particles in the air and thereby promote discharge via the outlet duct (12) to any suitable waste collection unit, a striker plate (23) co-operating with the radially outer part of the impeller (14) during its rotation to minimise build-up of waste material on the impeller, and means (19a) to monitor the operation of the impeller (14) and give advance warning of a future requirement for cleaning/maintenance of the waste material discharge system when the impeller first slows down from its normal design speed.

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