

Title (en)

Dust protection device for winding machines.

Title (de)

Staubschutzanlage an einer Wickelmaschine.

Title (fr)

Dispositif de protection de la poussière pour un enrouleur.

Publication

EP 0461411 B1 19940706 (DE)

Application

EP 91107930 A 19910516

Priority

DE 4018633 A 19900611

Abstract (en)

[origin: EP0461411A1] Dust-protection system on a winding machine (10), especially on a beam machine or warping machine, by means of which yarns (11) can be drawn off from bobbins (12), especially from a bobbin creel (13), and can be wound onto a winding beam (15) as a yarn set (14), with a screening wall (19) which is vertically arranged parallel to the winding beam within a building and screens off the entire front side (17) behind the machine against draughts (18) and which is equipped with a protective disc (21) screening off a machine service point against draughts (18), and with an air-suction device (22) arranged in front of the screening wall (19) on the draught side and above the winding machine (10). To ensure that the entire environment of the winding machine can be kept free of dust by means of the air-suction device arranged above the winding machine (10), the object is achieved in that there are side (24) and ceiling (25) walls which are arranged within the building (16) over the entire length (L) taken up by the winding machine (10), its yarn set (14) and the bobbins (12) and which channel the airstream (23) generated by the yarn set (14) towards the air-suction device (22). <IMAGE>

IPC 1-7

D03D 1/00

IPC 8 full level

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Cited by

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