

Title (en)
Support frame for carder

Title (de)
Tragelement für Karde

Title (fr)
Bâti de carde

Publication
EP 1612305 A1 20060104 (FR)

Application
EP 05370012 A 20050608

Priority
FR 0407186 A 20040630

Abstract (en)
The carding machine, having a main rotary cylinder (5) with satellite cylinders (3) round it, supported by a frame (9), has the frame made with two opposite vertical posts (10) that support the main cylinder and its satellite cylinders. A second carding cylinder (2) with satellite cylinders (3) is supported by a second pair of posts (10'), and each post has a flat supporting surface on the top for fixing a carding cylinder bearing. The height of each carding cylinder's axis (5b, 2b) above the floor is greater than the cylinder's diameter, and the lateral distance separating the central axis of a carding cylinder and the central axis (10b) of a supporting post is less than a third of the cylinder's diameter. The supporting posts are preferably aligned with the cylinder shafts and they are stabilised By struts (11, 11') and cross-pieces (12, 12').

IPC 8 full level
D01G 15/32 (2006.01)

CPC (source: EP)
D01G 15/32 (2013.01)

Citation (search report)

- [X] EP 0097021 A1 19831228 - CARDING SPEC CANADA [CA]
- [X] DE 1510254 A1 19690710 - GRAZIANO DR ING ALDO, et al
- [A] US 4280250 A 19810728 - MARTIN GRAHAM
- [A] US 3465389 A 19690909 - VARGA JOHN MAXIMILIAM JULES

Designated contracting state (EPC)
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