

Title (en)

Method and apparatus for recycling cores

Title (de)

Verfahren und Vorrichtung zum Recyclen von Hülzen

Title (fr)

Procédé et appareil de recyclage de noyaux d'enroulement

Publication

**EP 1227054 A1 20020731 (EN)**

Application

**EP 01309940 A 19960729**

Priority

- EP 96305538 A 19960729
- US 161695 P 19950728

Abstract (en)

Winding cores for the paper industry are restored by removing the metal tips from the ends of the core, trimming the core to eliminate the crimped end portions of the core, providing complementary male and female joint ends to the core, grinding the outer surface of the core to a constant outer diameter less than the industry standard outer diameter to accommodate a finishing layer. The cores with the complementary joints are pressed end to end to form a core master prior to its being ground and then picking up the core masters one by one and bringing them into proximity of a web of liner board material having a length which corresponds to the length of the core master and a width which corresponds to the circumference of the core, contacting the glue bearing liner board web with the core and rotating the core to wrap the web of liner board about the core to provide a finished restored core. The core master is then cut into suitable length winding cores. <IMAGE>

IPC 1-7

**B65H 75/50**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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Cited by

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