

Title (en)

Molded pulp product and production process thereof.

Title (de)

Aus Fasern bestehendes Formteil und Verfahren zu seiner Herstellung.

Title (fr)

Corps fibreux moulé et son procédé de fabrication.

Publication

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Application

**EP 93104918 A 19930325**

Priority

JP 10203892 A 19920327

Abstract (en)

A pulp product molded in a predetermined shape by placing a paper stock on a molding wire to deposit a pulp ingredient in the paper stock on the molding wire, and having a density of at least 0.3 g/cm<sup>3</sup>, a rising angle of a side wall of at least 45 degrees and a depth of at least 15 mm is provided. A surface situated on the upper side opposite to the molding wire upon the deposition of the pulp ingredient is finished smoothly. A production process by which such a molded pulp product can be obtained is also provided. The process includes a molding step of depositing a pulp ingredient on a molding wire in a shape conforming to the configuration of the molded pulp product and pressing it from one side, and a hot-pressing step of pressing under heat a molded pulp product intermediate by a pair of female and male pressure molds, which conform to the shape of the molded pulp product. <IMAGE>

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**D21J 5/00** (2013.01); **D21J 7/00** (2013.01)

Citation (search report)

- [X] FR 1288923 A 19620330 - HENRY BOUCHER FILS & CIE S A R
- [A] US 4152203 A 19790501 - LORD HENRY A [US]
- [A] FR 1260470 A 19610505 - DIAMOND NATIONAL CORP
- [A] NL 49987 A

Cited by

CN114592382A; CN109706795A; CN105019316A; AU2005310066B2; CN1105807C; CN111691238A; EP4098420A1; US7370788B1; WO9957373A1; US9187866B2; WO2006057610A3; US7909964B2; US8246784B2; WO2022253491A1

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