

Title (en)

Procedure for manufacture of a coffin from formed pulp material.

Title (de)

Verfahren zur Herstellung eines Sarges aus geformtem Pulpestoff.

Title (fr)

Procédé de fabrication de cercueil en matériau de pulpe formé.

Publication

EP 0466653 B1 19950301 (DE)

Application

EP 91810532 A 19910705

Priority

CH 231090 A 19900711

Abstract (en)

[origin: EP0466653A1] The invention provides a coffin made of moulded pulp and comprising a bottom part and a top part. The halves of the coffin can also be identical and are each formed in a single operation as a moulding (40) in a positive mould (30) of a moulding press (10). They are moulded in such a way that reinforcements are provided in the corners (42) of the bottom and top parts (40) and in the region of the handles. The hydraulic moulding press (10), which can operate with a pressure of 2000 t, comprises a moveable ram (16) and a fixed die (20), which is designed as a core made permeable by openings (22). The perforated die (20) forms an inverted coffin half, the downwardly open coffin half being sealed off by a sealing plate (24). A vacuum for dewatering the pulp suspension and a positive pressure for releasing the moulding (40) from the mould can be produced in the cavity (26) of the core and thus via openings (22) in the positive mould (30, 30') via a suction- air or compressed-air line (36). The water-resistant binder contained in the pulp can be activated either during a subsequent heat treatment or during the moulding process itself, the required final strength of the coffin thereby being guaranteed. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Cited by

WO2016209155A1; WO2016209158A1; EP1806454A4; NL2015319B1; AU2006235827B2; DE10039713A1; CN115369697A; AT524245A1; AT524245B1; CN107847386A; GR20160100445A; GR1009985B; CN107949473A; JP2018518398A; RU2710175C2; WO0015171A1; WO9600052A1; WO2011034503A1; WO2016209157A1; US6210531B1; WO2022056565A1; US7247264B2; US6849141B2; US6503429B1; US7147811B2; US6922877B2; WO9922069A1; US10974490B2; US10711404B2

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