

Title (en)

PROCESS FOR THE OZONE TREATMENT OF LIGNOCELLULOSIC MATERIALS, IN PARTICULAR PAPER PULPS, AND REACTOR FOR CARRYING OUT THIS PROCESS

Publication

EP 0308314 B1 19921111 (FR)

Application

EP 88402296 A 19880912

Priority

FR 8712890 A 19870917

Abstract (en)

[origin: EP0308314A1] Process for the ozone treatment of lignocellulosic material, especially of paper pulp, according to which the material is brought to the desired moisture content beforehand in order that the ozonation reaction may take place under optimum conditions, characterised in that the material brought to the desired moisture content is reduced to a sufficient state of division to ensure an interface of maximum value between the ozone-carrier gas and the fibrous solid and in that the said material is then subjected to ozonation by means of a carrier gas in which the ozone concentration is between 4 and 10% on a mass basis in relation to the said carrier gas. <IMAGE>

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D21C 9/153

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0492040A1; USRE36033E; US5296099A; EP0492039A1; US5087326A; US5472572A; EP0627029A4; US5211811A; AP1537A; US5181989A; US5863389A; US5409570A; US5174861A; US5520783A; US5441603A; US5451296A; US6174409B1; WO9207999A1; EP0512098B1

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