

Title (en)
Process for obtaining magnetic cellulose paper and the respective product

Title (de)
Verfahren zum Erhalten von magnetischem Zellulosepapier und entsprechendes Produkt

Title (fr)
Procédé d'obtention de papier de cellulose magnétique et produit respectif

Publication
EP 2767634 A1 20140820 (EN)

Application
EP 13164097 A 20130417

Priority
BR 102013003501 A 20130215

Abstract (en)
"PROCESS FOR OBTAINING MAGNETIC CELLULOSE PAPER AND THE RESPECTIVE PRODUCT" refers to a method for the production of magnetic paper and the respective paper, belonging to the field of paper products; in its usual form, the magnetic sheets, known as magnetic paper, are composed by magnetic blankets covered with cellulose sheets, and this setting results in a sheet of high thickness and high cost, in order to solve these disadvantages, the object of the present patent application was developed, referring to a magnetic paper, which differentiates itself from others because it has magnetic particles in its fibers, and also in its production process, more specifically in the magnetic cellulose sheet, in presentation is comprised by paper sheet (17) which can be of varied densities and has magnetized (11) ferrous-magnetic granules or particles of magnets inserted between its cellulose fibers during the manufacturing process of the sheet.

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D21H 13/48 (2013.01 - EP US); **D21H 15/02** (2013.01 - EP US); **D21H 21/48** (2013.01 - EP US)

Citation (search report)
• [A] US 4234378 A 19801118 - IWASAKI SUSUMU, et al
• [A] US 2008227010 A1 20080918 - KURIHARA EIZO [JP], et al

Cited by
CN106120421A; US10876258B2

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
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