

Title (en)

Opener for fibre in tufts on a carding preparation line

Title (de)

Öffner für Faser in Büschel in einer Kardierherstellungslinie

Title (fr)

Dispositif d'ouverture pour fibre dans des touffes sur une ligne de préparation de cardage

Publication

EP 2554726 A2 20130206 (EN)

Application

EP 12176932 A 20120718

Priority

IT BS20110114 A 20110805

Abstract (en)

An opener for fibre in tufts comprises a first opener roller (32) and a second opener roller (52) beside the first. The first opener roller (32) is fed by a two transversally separate fibre flows (F1,F2), which proceed axially towards the ends of the first roller, passing then onto the second roller and proceeding axially towards the centre thereof, from where they are expelled. The opener roller (32, 52) has portions fitted with pegs positioned along axially symmetric, respective imaginary helical lines.

IPC 8 full level

D01G 9/04 (2006.01); **D01G 9/06** (2006.01)

CPC (source: EP)

D01G 9/04 (2013.01); **D01G 9/06** (2013.01)

Citation (applicant)

- WO 2009084056 A1 20090709 - MARZOLI SPA [IT], et al
- WO 2011001379 A1 20110106 - MARZOLI SPA [IT], et al
- EP 0818566 A1 19980114 - MARZOLI & C SPA [IT]

Cited by

WO2022135847A1; CN110055627A; EP4047114A1; DE102020134589A1; DE102020134592A1; WO2022135977A1

Designated contracting state (EPC)

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)

BA ME

DOCDB simple family (publication)

EP 2554726 A2 20130206; EP 2554726 A3 20130327; EP 2554726 B1 20140917; BR 102012019398 A2 20131112; BR 102012019398 B1 20201229; CN 102912479 A 20130206; CN 102912479 B 20160803; EP 2557208 A2 20130213; EP 2557208 A3 20140924; EP 2557208 B1 20160316; IT BS20110114 A1 20130206

DOCDB simple family (application)

EP 12176932 A 20120718; BR 102012019398 A 20120802; CN 201210276227 A 20120803; EP 12189700 A 20120718; IT BS20110114 A 20110805