

Title (en)
SCRAPER

Title (de)
RAKEL

Title (fr)
RACLE

Publication
EP 3386753 B1 20200129 (DE)

Application
EP 16819023 A 20161209

Priority
• EP 15199303 A 20151210
• EP 2016080473 W 20161209

Abstract (en)
[origin: CA3005691A1] A doctor blade (100), in particular for doctoring off printing ink from an impression cylinder, comprises a doctor blade body (110) with a working edge (130) and a first doctor blade side (122) which faces the impression cylinder, in particular, during operation, and a second doctor blade side (121) which faces away from the impression cylinder, in particular, during operation. The doctor blade body (110) is provided with a coating (150) which comprises a polymer, wherein the coating (150) comprises particles (160) at least in one part region. The particles (160) are configured as hard material particles (160), and a mass proportion of the hard material particles (160) in the coating (150) on the first doctor blade side (122) is higher than a mass proportion of the hard material particles (160) in the coating (150) on the second doctor blade side (121).

IPC 8 full level
B41F 9/10 (2006.01)

CPC (source: EP US)
B41F 9/1072 (2013.01 - EP US)

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

DOCDB simple family (publication)
EP 3178654 A1 20170614; BR 112018011159 A2 20181121; BR 112018011159 B1 20230207; CA 3005691 A1 20170615; CA 3005691 C 20231205; CN 108367565 A 20180803; CN 108367565 B 20201103; EP 3386753 A1 20181017; EP 3386753 B1 20200129; ES 2784689 T3 20200929; HK 1252795 A1 20190606; JP 2019500250 A 20190110; MX 2018006423 A 20180801; PL 3386753 T3 20200629; US 10953649 B2 20210323; US 2018319154 A1 20181108; WO 2017097995 A1 20170615

DOCDB simple family (application)
EP 15199303 A 20151210; BR 112018011159 A 20161209; CA 3005691 A 20161209; CN 201680071650 A 20161209; EP 16819023 A 20161209; EP 2016080473 W 20161209; ES 16819023 T 20161209; HK 18112096 A 20180920; JP 2018549613 A 20161209; MX 2018006423 A 20161209; PL 16819023 T 20161209; US 201615776001 A 20161209