

Title (en)
SCRAPER

Title (de)
RAKEL

Title (fr)
RACLE

Publication
EP 3386753 A1 20181017 (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)

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See references of WO 2017097995A1

Designated contracting state (EPC)
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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

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