

Title (en)
LIQUID DROPLETS RECORDING DEVICE

Publication
EP 0092229 A3 19850410 (DE)

Application
EP 83103774 A 19830419

Priority
DE 3214791 A 19820421

Abstract (en)
[origin: EP0092229A2] In the recording device there is at least one nozzle for writing which is arranged in a holder. If required, writing liquid from the nozzle can be applied to a recording medium arranged in front of the outlet opening of said nozzle. In order to avoid undesired leakage of writing liquid from the nozzle and to prevent the outlet opening of the nozzles becoming blocked by a layer of liquid and paper dust, provision is made for the side (6) of the nozzle holder (10), facing the recording medium (3), to be provided with a coating (15), the surface tension of which is lower than the surface tension of the writing liquid. <IMAGE>

IPC 1-7
B41J 3/04

IPC 8 full level
B41J 2/045 (2006.01); **B41J 2/055** (2006.01); **B41J 2/16** (2006.01)

CPC (source: EP)
B41J 2/1606 (2013.01)

Citation (search report)
• [A] DE 3047835 A1 19810917 - CANON KK [JP]
• [A] DE 2527079 A1 19761223 - OLYMPIA WERKE AG
• [X] PATENTS ABSTRACTS OF JAPAN, Band 5, Nr. 18 (M-53)(690), 3. Februar 1981; & JP - A - 55 148170 (CANON K.K.) 18.11.1980
• [A] IBM TECHNICAL DISCLOSURE BULLETIN, Band 22, Nr. 5, October 1979, Seiten 1965-1966, Armonk, US; R.W. BAKER: "Surface treatment of nozzles for ink jet printers"

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US5010356A; US5208606A; EP0999934A4; US7854500B2; US7246884B2; US7147305B2; US6824251B2; US6840600B2; US6948799B2; US7022250B2; US7055935B2; US7401901B2; US6916082B2; US6783217B2; US7140719B2; US7152960B2; US7226145B2; US7357488B2; US6986613B2; US7217048B2; US7465030B2; US7434915B2; US7712872B2; US7784902B2; US7922293B2; US7086709B2; US6880914B2; US7240992B2; US7290856B2; US7364271B2; US7942503B2; US8109611B2; US7556356B1; US7334873B2; US6834939B2; US7055933B2; US7175260B2; US7267424B2; US7387364B2; US7771017B2; US7901049B2; US7566114B2; US6927786B2; US6935724B2; US7008046B2; US7066578B2; US7101023B2; US7137686B2; US7216957B2; US7287827B2; US7461923B2; US7850282B2; US7637595B2; US786570B2; US6848780B2; US6994420B2; US7159965B2; US7381340B2; US7407261B2; US7832837B2; US8011754B2; US7506961B2; US6932459B2; US7032998B2; US7097285B2; US7182435B2; US7207657B2; US7278711B2; US7284834B2; US7753463B2; US7866797B2; US7506965B2; US7549728B2; US7669970B2; US7278712B2; US7144519B2; US7207654B2; US6929352B2; US7144098B2; US7270399B2; US7341672B2; US7360872B2; US7802871B2; US7524026B2; US7524031B2; US7303254B2; US7246883B2; US6746105B2; US7066574B2; US7083263B2; US7195339B2; US7252366B2; US7275811B2; US7780269B2; US7794053B2; US7934803B2; US7506969B2; US7556355B2; US7641315B2; US7303262B2; US6776476B2; US6988788B2; US7067067B2; US7347952B2; US7431429B2; US7470003B2; US7891779B2; US7914118B2; US7922298B2; US7976129B2; US7481518B2; US7568791B2; US7571983B2; US7585050B2; US7588316B2; US7591534B2; US7008041B2; US7011390B2; US7152949B2; US7172265B2; US6880918B2; US7131715B2; US7914114B2; US7934796B2; US7967418B2; US7537301B2; US7566110B2; US6918707B2; US6921221B2; US6923583B2; US6953295B2; US6988841B2; US7077588B2; US7147302B2; US7246881B2; US7270492B2; US7278796B2; US7325918B2; US7367729B2; US7758142B2; US7845869B2; US7942504B2; US7517164B2; US7571988B2; US7581816B2; US7611227B2; US7631957B2; US7641314B2; US7465027B2; US7322679B2; US7465026B2; US7461924B2; US7252367B2; US7201471B2; US7083264B2; US7111924B2; US6976751B2; US7004566B2; US7040738B2; US7055934B2; US7083261B2; US7258425B2; US7261392B2; US7287836B2; US7401902B2; US7337532B2; US7717543B2; US7891767B2; US7901041B2; US7914122B2; US7938509B2; US7967416B2; US7976130B2; US7980667B2; US8029107B2; US7517057B2; US7568790B2; US7604323B2; US7628471B2; US7637594B2; US7669973B2; US7334877B2; US7104631B2; US7407269B2; US6886918B2; US6886917B2; US6959981B2; US6959982B2; US6966633B2; US6979075B2; US6981757B2; US7044584B2; US7086721B2; US7093928B2; US7131717B2; US7140720B2; US7147303B2; US7156494B2; US7156495B2; US7156498B2; US7168789B2; US7179395B2; US7182436B2; US7188933B2; US7192120B2; US7204582B2; US7284833B2; US7284838B2; US7284326B2; US7325904B2; US7326357B2; US7347536B2; US7374695B2; US7381342B2; US7399063B2; US7413671B2; US7431446B2; US7438391B2; US7465029B2; US7468139B2; US7708386B2; US7753486B2; US7753490B2; US7758161B2; US7775655B2; US7857426B2; US7901055B2; US7922296B2; US7931353B2; US7934809B2; US7938507B2; US7942507B2; US7950779B2; US7971969B2; US7997687B2; US7520593B2; US7533967B2; US7562967B2

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