

Title (en)  
PRESSURE SENSITIVE RECORD SYSTEMS

Publication  
**EP 0086636 B1 19850911 (EN)**

Application  
**EP 83300687 A 19830211**

Priority  
JP 2182582 A 19820213

Abstract (en)  
[origin: EP0086636A1] A pressure-sensitive record system comprises a donor composition and an acceptor composition which react under pressure to generate a coloured image or print, in which the donor composition comprises microcapsules containing a solution in a high-boiling solvent (preferably an aromatic hydrocarbon solvent) of an electron-donating colourless dye and the acceptor composition comprises activated clay and an aryl or aralkyl ester of p-hydroxybenzoic acid. Record systems produced using this combination of specific donor and acceptor compositions have a high rate of colour development, a high stability of the coloured images formed, and stability of unprinted background portions, particularly on exposure to sunlight and atmospheric oxidizing gases, and consequently a long shelf life. The record system is preferably of the transfer type in the form of a manifold containing a CB-sheet coated with the donor composition and a CF-sheet coated with the acceptor composition and possibly one or more interposed CFB-sheets coated on opposite sides with the two compositions.

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**B41M 5/12**

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
US5464803A; DE3633116A1; US5605874A; US5476829A; US5281266A; US5472489A; EP0714786A1; EP0697293A1

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