

CATV-Compliant ARIB Essential Patent Portfolio

As of January 1, 2012

France Telecom, SA / TDF SAS

JP3044899

JP3827718

Fujitsu Limited

JP3918329

JP4603570

JP4791521

Hitachi Consumer Electronics Co., Ltd.

JP2760799 * Expired on 2008/04/28

JP2798086 * Expired on 2008/04/28

JP2798087 * Expired on 2008/04/28

JP2870531 * Expired on 2008/04/28

JP2870532 * Expired on 2008/04/28

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Hitachi Consumer Electronics Co., Ltd. / Nippon Hoso Kyokai

JP3884881

JP4414969

JP4791567

Hitachi Consumer Electronics Co., Ltd. / Pioneer Corporation

JP2911861

JVC KENWOOD Corporation

JP2521160

* Expired on 2009/11/07

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Mitsubishi Electric Corporation

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NEC Corporation

JP3090137

Nippon Hoso Kyokai

JP2883238

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* Expired on 2011/06/13

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Panasonic Corporation

JP3008651

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Panasonic Corporation / Nippon Hosho Kyokai

JP3083159

JP4057603

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Pioneer Corporation

JP2852295

JP2883866

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JP3437666

Sanyo Electric Co., Ltd.

JP3108392

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Sharp Corporation

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Sony Corporation

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As of January 1, 2012

Sony Corporation / Nippon Hoso Kyokai

JP3940541

Sony Corporation / Toshiba Corporation / Nippon Hoso Kyokai

JP2975932

Thomson Licensing

JP2806587

* Expired on 2009/10/20

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Toshiba Corporation

JP2941398

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