

PATENT STATISTICS, INNOVATION MANAGEMENT AND IPR

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Patenting strategies

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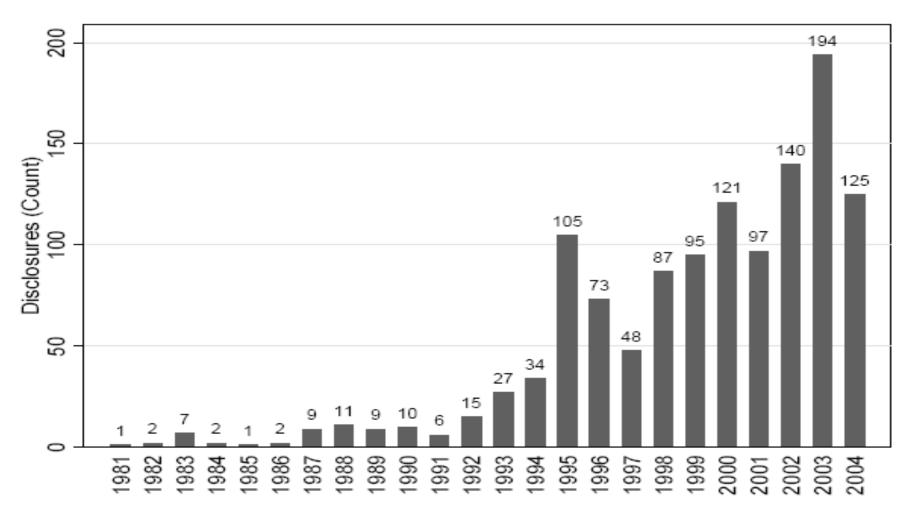
MINES ParisTech

Patents in the telecom industry

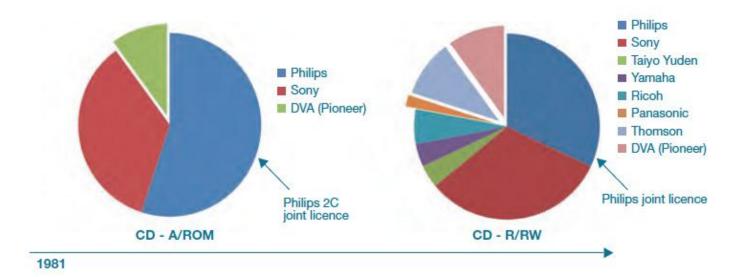
- Need to balance:
 - Incentives to innovate
 - Diffusion of innovations in the industry
- Ad hoc arrangements based on patents
 - Cross-licensing
 - Patents pools
 - (F)RAND licensing of patents essential in standards
 - **—** ...
- ⇒ Requires strong patent positions

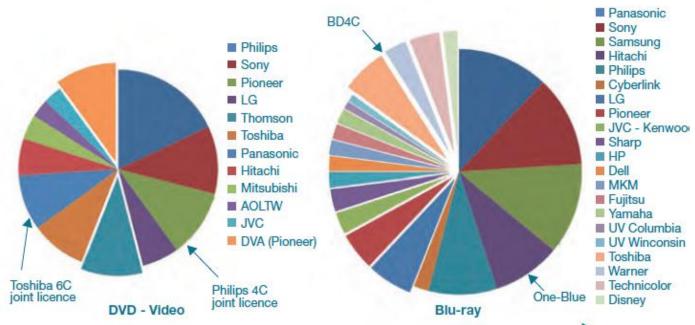
More patents claimed on IT standards

Disclosures at ANSI, ATIS, ETSI, IEEE, IETF, ITU, OMA, TIA (source: Simcoe, 2005)



More licensors (here, CD to Blu-ray)





2011 Source: Peters (2011)

MOBILE PATENT SUITS Suing Licensed Suing each other technology Patent-related suits between mobile to company device/ component manufacturers Barnes Ericsson Foxconn Amazon Apple & Noble Qualcomm Google RIM HTC Samsung Huawei Sony Inventec ZTE Kodak Utilises Google's Microsoft Motorola Nokia Oracle LG Android OS Kodak/Samsung (2008-09) Apple/Kodak (2010-11)* Qualcom/Nokia (2005-08) Cases Apple/Nokia (2009-11) Kodak/LG (2008-09) resolved

Questions

 How patents are taking place in the global R&D networks international division of innovation processes?

 What are the main strategies to manage the patents portfolio?

 How to they vary according to the core business, the size and age of the company?