

# . ART

## 1. ART

### 가. (廣義)

Alternative Risk Transfer( ART) 「 가」 (直譯)

. 「 가」 「 」

. 「 」

가

(意譯)

ART

가

(1999)<sup>1)</sup>

Alternative Risk Transfer 「

」. , Bowers(1999)

「 (alternative market)」 가

2).

1) 「 (ART) 」, 99-16, 1999.12.

2) "The alternative market is any mechanism used to substitute for traditional risk-transfer products offered by insurers." : Bowers, Barbara, "The New Face of the Alternative Market", *Best's Review*, P/ C, February, 1999, p.29.

ART (underwriting risk) 가  
 ( ) 가  
 .  
 가 (captive insurance),  
 , (capital market) .  
 ART , 1960 가  
 1980 (hard market)  
 , 1990 .  
 1990 가  
 (securitization), (derivative)가 .

(狹義)

ART ,  
 (investment risk) 가 .  
 가  
 , .  
 (catastrophe bond, "cat bond" ) ,  
 (option), (future), (swap) . 4 (1996  
 1999) ,  
 , 3).

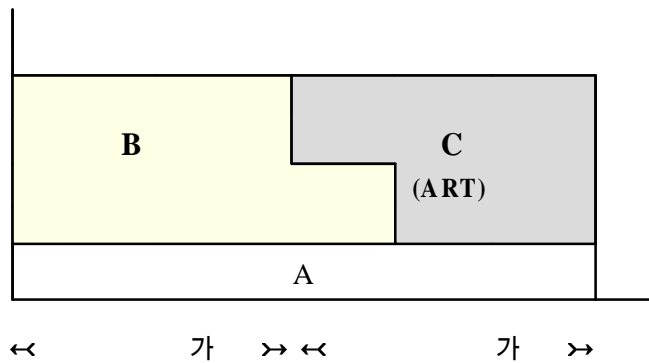
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3) Swiss Re, "Alternative Risk Transfer für Unternehmen: Modeerscheinung oder Risikomanagement des 21. Jahrhunderts?", *Sigma*, Nr. 2, 1999, p.30.

ART , 가  
 , 가 4). ART 1990  
 . 1998, 1999  
 .

## 2. ART

### < 1> ART



: A( ), B( ), C( , ART)  
 : Swiss Re, *Rethinking risk financing*, 1996, p.7

(risk management) 가 ,  
 ,  
 가 가 . 가  
 가

---

4)

가 가

< >

A

가 ( )

가 가

(pool),

가 가

< >

B

가 가

가

(natural

disaster)

가

가

(catastrophe)

가

(credit risk)

가 가

가

ART

가

ART

ART

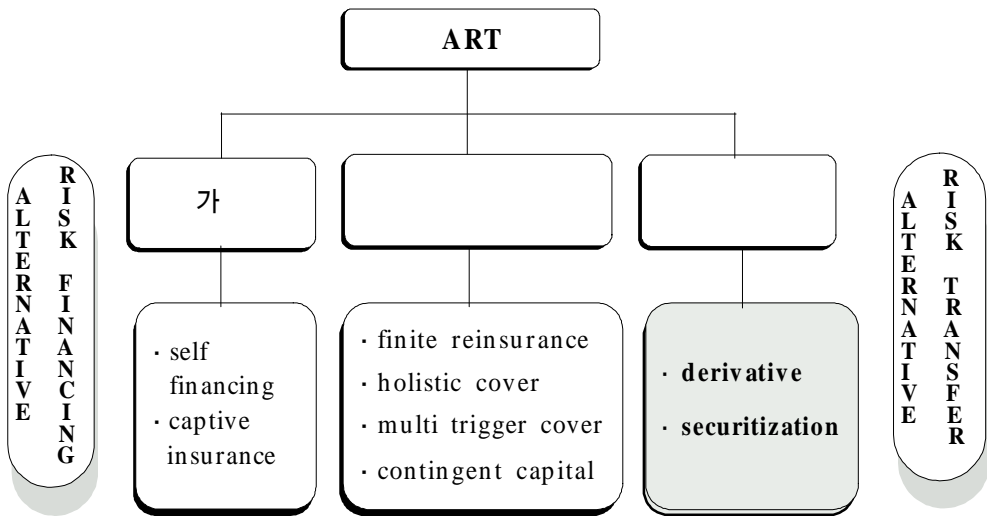
< >

C

### 3. ART

ART (alternative risk financing) (狹義)  
 (alternative risk transfer)  
 가 가 , ,  
 3가 . ART  
 Sigma(1999, Nr. 2) Bauer(1998)

#### < 2> ART



: □ (狹義) ART ( .3. . )

- : 1) Swiss Re, "Alternative Risk Transfer", *Sigma*, Nr. 2, 1999, p.5.
- 2) Gorvett, W. Richard, "Insurance Securitization", *Securitization of Risk*, Casualty Actuarial Society, May 1999, pp.147 154.
- 3) Bauer, W.O., "Alternativer Risikotransfer", *Zf.g.V*, Nr. 4, 1998, p.557.

가.

, 가 ,  
5).

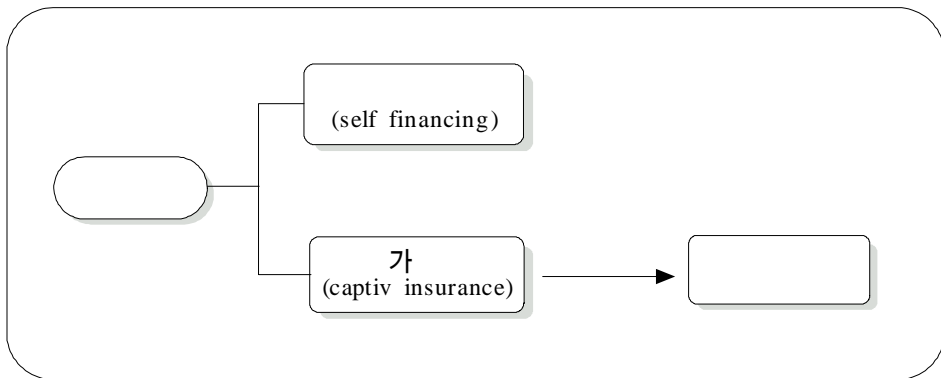
,

,

.

가

< 3 >



1) (self financing)

가 가 가  
가 , (cash flow  
policy) . 가 가 ,  
가 ,  
가 .

5) Swiss Re, *Rethinking risk financing*, 1996, p.6.

2) 가 (captive insurance)

가 가 . 가 ( )가  
가

6). 가 1980

가

(rent captive)

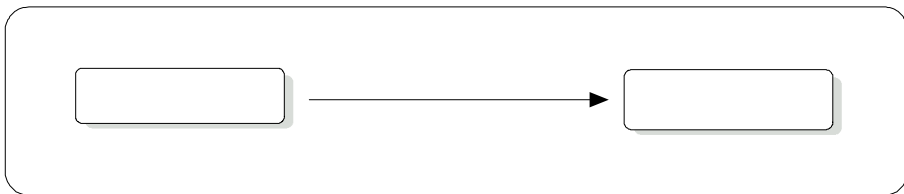
가

가 가 ,

( )

(soft market)

< 4 >




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6) 1996 9 가  
가  
, 「  
4』, , 1996 .

. ( ) SK가

』, 『 96-

**1) (finite reinsurance)**

(狹義)

7) (pre-financing)

(finite) ,

가 , .

(loss portfolio transfer), (retrospective excess of loss

cover), (time and distance policy),

(financial quota share reinsurance),

(prospective excess of loss cover) 8).

**2) (holistic covers)**

MMP(multi-line multi-year product)

, , 가

가 ,

---

7) ( ) , finite reinsurance financing reinsurance  
가 . , 「  
」, 『Insurance Business Report』, 3 , , 1997.11

8) Sigma(1999, Nr. 2) (1999)



**3) (multi trigger covers)**

(package) (first trigger)  
(second trigger) . ,  
가 ,  
가 .  
가 . 가

**4) (contingent capital)**

가  
가

. (狹義)

1)

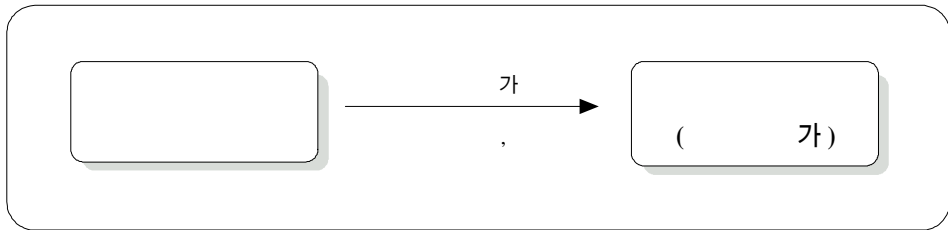
(狹義)

( ) 가가 가 .

가가

< > .

< 5> (狹義)



2)

(cat derivative)

9).

1992

Chicago

9)

1995.; 『 : 『 , 『 』, 『 : ( ) , 『 , 『 』, 1997.; 『 , 『 , 『 』, 1998 , pp.16 19.

Board of Trade(CBOT)

(loss index)

. 1997

Bermuda Commodities Exchange (BCX)

10).

Sigma(1999)

1998

6

가

가

가

< 1>

(1998)

(beneficiary)		(consulting)		Mio.USD	
Mitsui	Swap	Swiss Re NM		30	1998.4
US Kunde	Option	Axa, ARF, Parivas		21	1998.7
XL Mid-Ocean	Swap	Aon, Guy Carpenter		200	1998.8
Constitution Re	Swap	Swiss Re NM		10	1998.8
US Kunde	Option	Axa, ARF		25	1998.9
Allianz	Bond + Option	Gold.Sachs		150	1998.12

:  
: Swiss Re, *Sigma*, Nr. 2, 1999, p.30.

10) : Swiss Re, *Sigma*, Nr. 2, 1999, p.33.

가

1995

ISO(Insurance Service Office) , PCS(Property Claim Services) 가

Swiss Re가 1970 SIGMA , Guy & Carpenter

가 1997 GCCI , Risk Management Solution 가 1997

RMS , 1998 Sedwick

INSTRAT Global Underwriting 11).

가

3)

「 」 ,

가

가

(market potential)

가

가

(weather index)

11) Anders, Stephan, "Einsatz von Katastrophen-Indizes als Schadenbasis bei der Risk Securitization", *Versicherungswirtschaft*, Nr. 4, 1999, pp.232-237.

가 ,  
 가 3  
 (OTC) 가, 1999 9  
 Chicago Mercantile Exchange(CME)  
 12).

가 ,  
 Swiss Re가  
 가 가  
 1997 16 USD . 1999  
 30 USD , 1 USD  
 13).

(risk securitization)가 . , “ 가  
 가 ”14) .  
 3

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12) Hanft, Andreas & Wichelhaus, Ingo, “Alternativer Risiko Transfer : Wetter Derivate”, *Versicherungswirtschaft*, Nr. 2, 2000, p.103.  
 13) Hanft, Andreas & Wichelhaus, Ingo, , p.102.  
 14) Gorvett, W. Richard, “Insurance Securitization: the Development of a new Asset Class”, *Securitization of Risk*, Casualty Actuarial Society, May 1999, p.137.