Agents:

Agents = {Agent1, Agent2, Agent3, Agent4}

Propositions:

Propositions = {Proposition Name (decision), p1 (decision), p2, p3, p4}

Incompatible Propositions:

Objectively incompatible propositions: << p1, Proposition Name >> ∈ IncompProp.

PropBaseClean for Each Agent:

Agent4 = {p1, p2, p3, p4, Proposition Name}

Agent2 = {p1, p2, p3, p4, Proposition Name}

Agent3 = {p1, p2, p3, p4, Proposition Name}

Agent1 = {p1, p2, p3, p4, Proposition Name}

Rules

Rules: p2 -> p1; p3, p4 -> Proposition Name

Reasoning Chains of All Agents

Agent4 = <<{p1, p2, p2 -> p1}, p1>>

Agent2 = <<{p1, p2, p2 -> p1}, p1>>

Agent3 = <<{p1, p2, p2 -> p1}, p1>>

Agent1 = <<{p1, p2, p2 -> p1}, p1>>

Observations

Chains of Agent4, Agent2, Agent3, Agent1 are the same and they constitute Consortium1, p1 , where

Consortium1 =< p1, p2>, p1 → p1, p2 → p1, .

The Court's Ruling

The Court's ruling:

Decision = p1

MajorityJudges<<<{p1, p2, p2 -> p1}, p1>>,p1> = {Agent4, Agent2, Agent3, Agent1}

There are neither plurality nor concurring judges.